Version

1

APPAREL RESEARCH NETWORK (ARN)

Apparel Order Processing Module (AOPM)

19980623 135

Field User Manual

A R N / A O P M

Field User Manual

Submitted To

Defense Logistics Agency (DLA)
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30 September 1997
DO # 0001
SPO100-95-D-1004

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System Overview

This manual applies to Version I of the Apparel Research Network (ARN) Apparel Order Processing Module (AOPM). The AOPM is a PC-based application system that creates or receives electronic orders, shipping documents and invoices for military clothing. It is designed for use at any activity involved in the processing of these orders, including Clothing Initial Issue Points (CIIPs), Defense Apparel Manufacturers (DAMs), and the Defense Personnel Support Center (DPSC). After the creation of order, shipping or invoice transaction via the AOPM entry screen, the transaction data is translated to Electronic Data Interchange (EDI) format and transmitted to the intended recipient. At a receiving location, after EDI translation, the AOPM may be used to review and respond to the transaction.

This manual describes the transaction entry screen and associated maintenance screens for creating or reviewing inbound or outbound documents related to military clothing orders, including measurement, profile, shipment information, status messages, invoices, and other related documents. Also described are the mapping and translation processes associated with conversion of data to various file formats and the transmission of data to intended recipients.

The Apparel Research Network (ARN) is a working group formed to address issues relative to ordering clothing expeditiously for military recruits and for other military personnel. The ARN Order Processing Module (AOPM) was created to support the electronic ordering of special measurement and stock clothing. The objective is to reduce the delivery cycle for an order from three to six weeks to fifteen days. Measuring personnel and issuing clothing may take place at a military base, ROTC, or Jr. ROTC location. It is important that measurements are complete and accurate to insure that personnel requiring special measurements do not lack required clothing.

While the AOPM may be used at a DoD site for preparing special measurement orders, it may also be used at DPSC and the DAM for both stock orders and special measurement orders.

Acronyms
AAFES Army and Air Force Exchange service
ARN Apparel Research Network
ASN Advance Shipping Notice
DAM Defense Apparel Manufacturer
DoD Department of Defense
DPSC Defense Personnel Support Center (Clothing/Textile; Food/Subsistence; Medical)
OPM Order Processing Module
DFAS Defense Finance and Accounting Service
OA Ordering Activity
CIIP Clothing Initial Issue Point
or
RIC Recruit Induction Center
(CIIP and RIC are used interchangeably)

The AOPM is designed to operate in a variety of different system environments:

- As an integrated application within an Eagle[1] EDI system.
- As a standalone application software with a standard flat file interface to any EDI system.
- As a standalone application with an interface to an Internet file transfer method, such as FTP or MIME.
- As a standalone application in a laptop system with a laplink or other interface to a system with EDI capability.

EDI Transaction Types

There are six transaction types supported by Version 1 of the AOPM. They are listed below with their corresponding EDI Transaction Set ID numbers[2], transaction flow, and function. For more detailed information on AOPM data flow, see *Appendix D - AOPM Special Order Processes* on page D-1.

Table 1. EDI Transaction Sets Processed By AOPM

Table 1. EDI Transaction Sets Processed By AOPM			
Transaction Type	ID#	Flow	Function
Purchase Order	850	Orderer to DPSC; DPSC to Manufacturer	This transaction set is sent by a DoD site to DPSC or to a DAM and will include all information necessary to fill an order including special measurement data.
Purchase Order Acknowledgment	855	Manufacturer to DPSC	This transaction set is sent by the manufacturer to DPSC to acknowledge receipt of the order.
Purchase Order Change	860	Orderer to DPSC; DPSC to Manufacturer	This transaction set is sent by a DoD site to DPSC or to a DAM and modifies a Purchase Order which was previously transmitted.
Advance Ship Notice (ASN)	856	DAM to Recipient of garments	This transaction set is sent by the DAM to the DoD receiving locations.
ASN Response	824	DoD orderer to	This transaction set is sent by a

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[1] Eagle is a standard EDI software product offered by EDI Integration Corporation.

[2] EDI Transaction Set ID numbers are assigned by the American National Standards Institute (ANSI) Accredited Standards Committee (ASC) X12.

Table 1. EDI Transaction Sets Processed By AOPM			
Transaction Type	ID#	Flow	Function
		DAM	DoD ordering activity to a DAM after an **Advance Ship Notice (856)** has been received. It is used to confirm that a reported delivery was received and to note discrepancies in the delivery, if any.
Invoice	810	DAM to Payer	This transaction set is sent by the manufacturer to DPSC to initiate the payment process.

Data Mapping

The AOPM system includes data mapping interfaces to several systems. In an EAGLE environment, this data mapping is done automatically as part of the "Do All Moves" or "Move Data To/From Host" options. In a non-Eagle system, such as DPSC, this function is performed via extra Process Menu options in AOPM. For more information on Data Mapping, see *Appendix A - Introduction to ARN Data Mapping* on page A-1.

- EDI to flat file formats (all sites)—
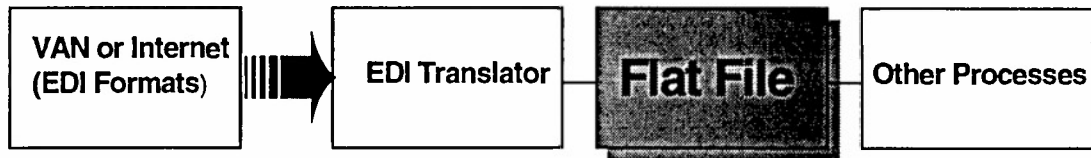
- AOPM databases to flat file formats (DoD AOPM Sites)—
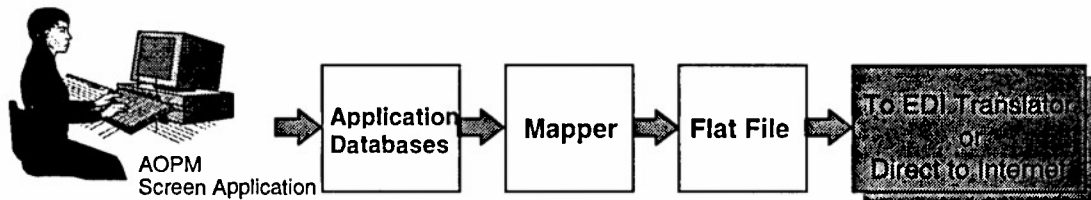
- Flat file or database formats to EDI (all sites)—
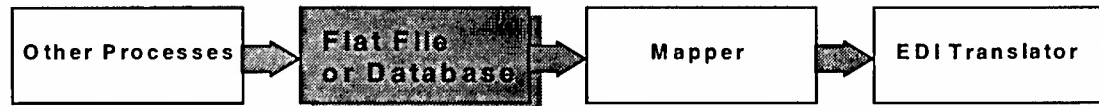
- Flat file formats to AOPM databases (DoD and DAM Sites)—
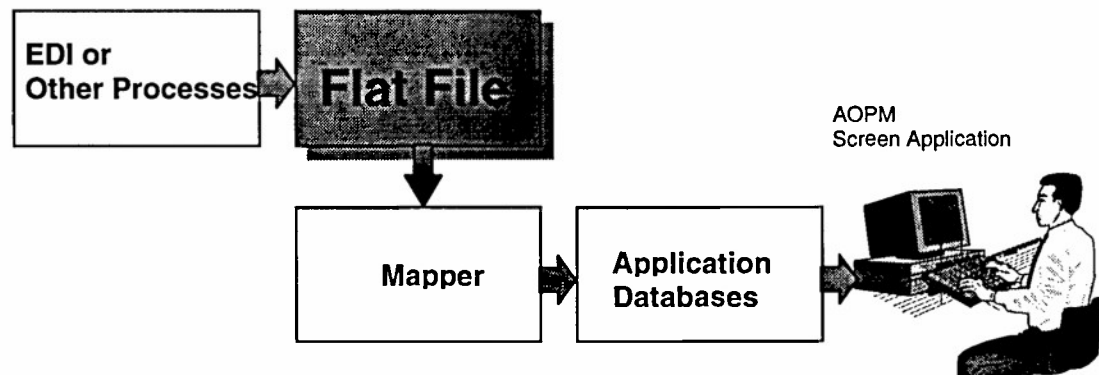
Setting Up AOPM

The AOPM Login Screen
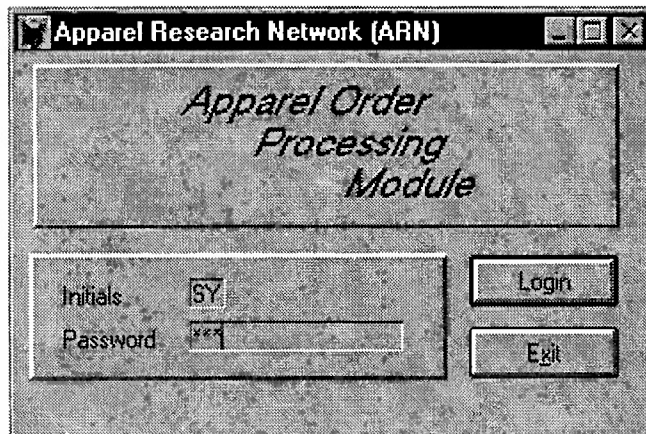
The first login to AOPM should be with the initials "SY" (part of the "System" entry in the Ordering Official Screen—see below), and the password "ARN", then click the "Login" button (or press <Enter> twice).

System Setup Screens

The Site Information Screen

The Site Information Screen contains information about the DODAAC site at which the AOPM is installed. Certain fields of information are derived from the EAGLE Translator Databases, if present, otherwise they are key entered. This screen must be completed before AOPM is used.
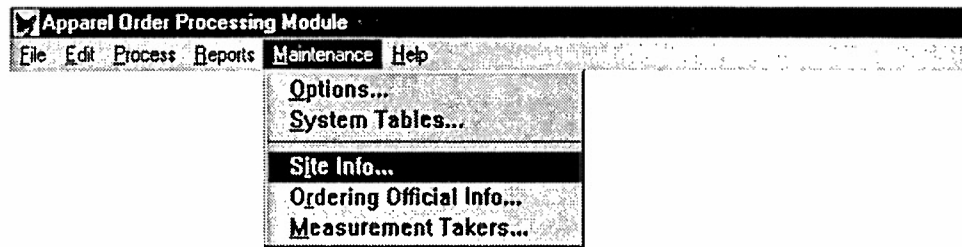
The Site Information Screen is available from the Maintenance Menu on the AOPM Menu Bar.

Keystrokes

The following are the keystrokes available for the Site Information Screen.

- To move within the fields on the application screen, you may use the **TAB** or **Shift-TAB** keys, or click on a field of your choosing with the mouse.

Field Definitions

- Site ID

  If this is an Eagle site, this value is automatically entered from the EAGLE databases. If this is a non-Eagle site, enter a code to be used for identifying the site to the EDI translator and/or to any Internet recipients of data entered at this site.

- DoD Activity Code

  DoD Activity Code (DODAAC).

- Site Name

  If this is an Eagle site, this value is automatically entered from the EAGLE databases. If this is a non-Eagle site, enter the DODAAC site name.

- Service

  Branch of service code used to determine which set of clothing applies:

Army	Navy
Air Force	JRROTC
Marine Corps	SRROTC

- Address 1

  If this is an Eagle site, this value is automatically entered from the EAGLE databases. If this is a non-Eagle site, enter the street address of the DODAAC site.

- City

  If this is an Eagle site, this value is automatically entered from the EAGLE databases. If this is a non-Eagle site, enter the city name of the DODAAC site.

- State/ Province

  If this is an Eagle site, this value is automatically entered from the EAGLE databases. If this is a non-Eagle site, enter two-character state code for the DODAAC site.

- Postal Code

  If this is an Eagle site, this value is automatically entered from the EAGLE databases. If this is a non-Eagle site, enter the zip code or other postal delivery code for the DODAAC site.

- Country

  If this is an Eagle site, this value is automatically entered from the EAGLE databases. If this is a non-Eagle site, two-character country code for the DODAAC site.

- Phone

  If this is an Eagle site, this value is automatically entered from the EAGLE databases. If this is a non-Eagle site, enter the telephone number of the DODAAC site.

- Fund

  DoD fund code

- Project

  Project

- Routing ID

  Routing identifier (Example: for DPSC, use "S9T".)

- Distribution

  Distribution code

- Document Identifier

  Document identification

- Default
  Individual
  Organization

  Enter a default value for the "clothing for" individual's organization. This value will be placed in the Individual Organization field for all new Purchase Orders created on the AOPM Main Screen.

- Start Serial

  Starting serial number (Orders are numbered sequentially each day starting with this number. If this field is empty, starting value will default to 1). If the Start Over check box is checked, this value will be used at the start of each day.

- Current Serial
  Date

  System field: Displays the date of the last serial number used.

- Start Over

  If this check box is checked, the value in the Start Serial field (or 1 if that field is empty) will be used at the start of each day.

- Current Serial

  System field: Displays the value of the last serial number used.

- OK Button

  Closes the Site Information Screen, saving changes.

- Cancel Button

  Closes the Site Information Screen, abandoning changes.

Ordering Official Screens

The Ordering Official Screens are provided for setting up all operators of the AOPM. All individuals who enter transaction should enter their information on this screen, and use their specific logon and password when entering AOPM.
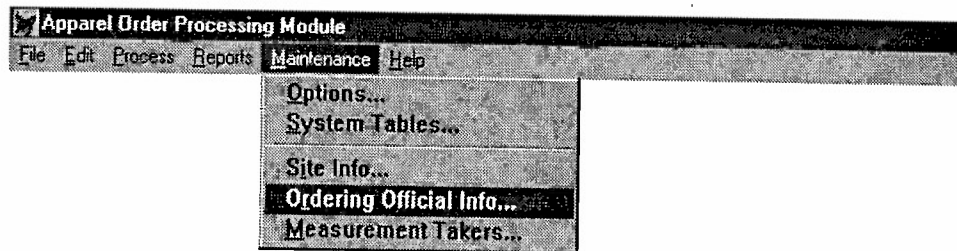
The Ordering Official screens are available via the Maintenance Menu on the AOPM Menu Bar.

Select Ordering Official Dialogue
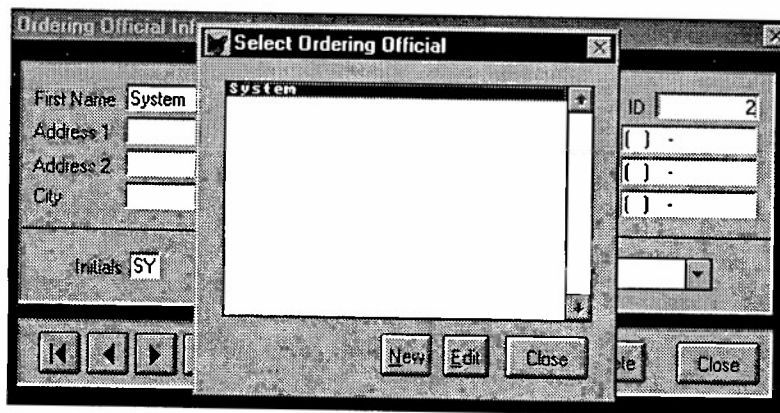
The Select Ordering Official Dialogue is the first to appear. This screen allows existing Ordering Officials to be selected for editing, or for new Ordering Officials to be added.

Buttons

- New   To add a new Ordering Official, press the New button

- Edit   To edit an existing Ordering Official, select the desired name and press the Edit button

- Close   Press close to pass this screen, and the currently selected Ordering Official will appear on the Ordering Official Information Screen.

Ordering Official Information Screen

```
┌─────────────────────────────────────────────────────────────┐
│ 🖰 Ordering Official Information                         ☒  │
├─────────────────────────────────────────────────────────────┤
│                                                               │
│  First Name [System      ]  MI □  Last Name [        ]  ID [        2] │
│  Address 1  [              ]              Phone [( )  -    ]  │
│  Address 2  [              ]              Pager [( )  -    ]  │
│  City       [        ] State [ ] Zip [      ]  Fax  [( )  -    ] │
│  ─────────────────────────────────────────────────────────── │
│     Initials [SY]   Password [ARN    ]   Security [System Administrator ▼] │
│                                                               │
├─────────────────────────────────────────────────────────────┤
│  [|◀] [◀] [▶] [▶|]  [Browse][New][Edit][Print][Save][Delete]   [Close]  │
└─────────────────────────────────────────────────────────────┘
```

Field Definitions

- **First Name**   The first name of the Ordering Official

- **MI**   The middle initial of the Ordering Official

- **Last Name**   The last name of the Ordering Official

- **ID**   *System field: Displays the system-assigned ID number for this Ordering Official. This number is used internally by AOPM.*

- **Address 1**   The first line of the street address for the Ordering Official

- **Address 2**   The second line of the street address for the Ordering Official

- **City**   The city name for the Ordering Official

- **State**   The two-character state code for the Ordering Official

- **Zip**   The zip or postal code for the Ordering Official

- **Phone**   The telephone number for the Ordering Official

- **Pager**   The pager number for the Ordering Official

- **Fax**   The fax number for the Ordering Official

- **Initials**   Two initials (i.e. first and last) for this Ordering Official which will be used to sign on via the AOPM Logon Screen

- **Password**   Up to 8 characters which will be entered at sign-on in the AOPM Logon Screen

- **Security**   The security level applied to this Ordering Official

Navigation and Control Buttons

	◄	Displays the *first* Ordering Official record stored in AOPM
	◄	Displays the *previous* Ordering Official record stored in AOPM
	►	Displays the *next* Ordering Official record stored in AOPM
	►	Displays the *last* Ordering Official record stored in AOPM
•	Browse	Causes the Select Ordering Official Dialogue to reappear, showing all Ordering Official records stored in AOPM. The user may select an Ordering Official and press Close.
•	New	Allows a new Ordering Official to be created.
•	Edit	Allows the currently displayed Ordering Official's data to be edited.
•	Print	Allows the currently displayed Ordering Official's data to be printed.
•	Save	Saves the Ordering Official data currently being edited.
•	Cancel	If present, Abandons any changes made in the current editing session to the currently displayed Ordering Official.
•	Delete	If present, deletes the currently displayed Ordering Official.
•	Close	Closes the Ordering Official screen.

Measurement Taker Screens

The Measurement Taker Screens are provided for setting up the names and addresses of all individuals who take measurements that are entered into AOPM. This information should be entered prior to the creation of outbound Purchase Orders in AOPM.
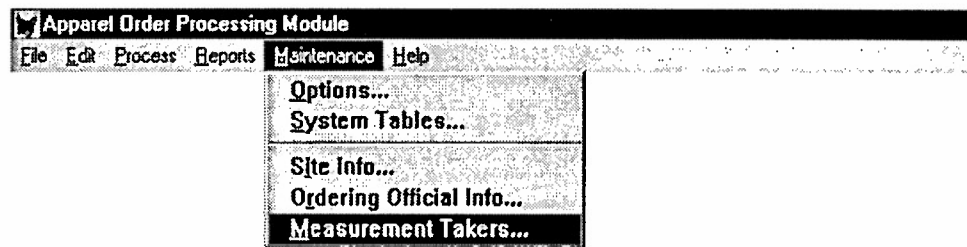
The Measurement Taker screens are available via the Maintenance Menu on the AOPM Menu Bar.
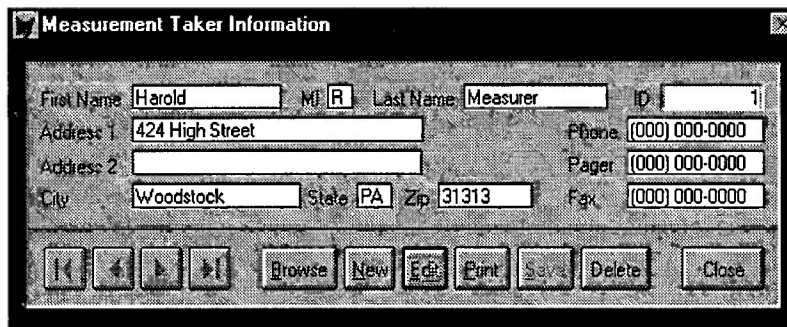
Select Measurement Taker Dialogue
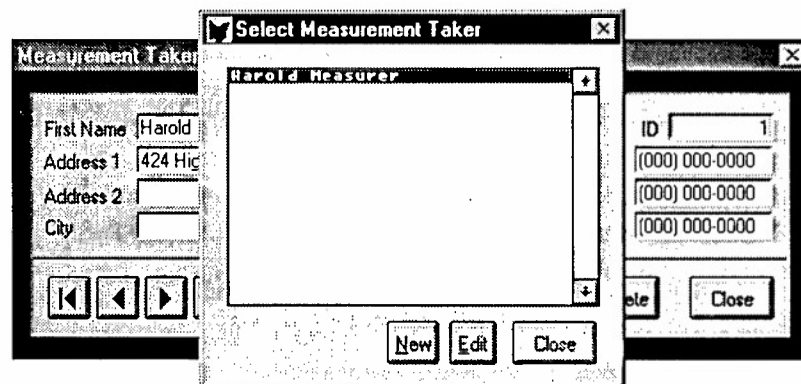
Buttons

- New   To add a new Measurement Taker, press the New button

- Edit   To edit an existing Measurement Taker, select the desired name and press the Edit button

- Close   Press close to pass this screen, and the currently selected Measurement Taker will appear on the Measurement Taker Information Screen.

Measurement Taker Information Screen

Field Definitions

- First Name   The first name of the Measurement Taker

- MI   The middle initial of the Measurement Taker

- Last Name   The last name of the Measurement Taker

- ID   *System field: Displays the system-assigned ID number for this Measurement Taker. This number is used internally by AOPM.*

- Address 1   The first line of the street address for the Measurement Taker

- Address 2   The second line of the street address for the Measurement Taker

- City   The city name for the Measurement Taker

- State   The two-character state code for the Measurement Taker

- Zip   The zip or postal code for the Measurement Taker

- Phone   The telephone number for the Measurement Taker

- Pager   The pager number for the Measurement Taker

- Fax   The fax number for the Measurement Taker

Navigation and Control Buttons

|◀   Displays the *first* Measurement Taker record stored in AOPM

◀   Displays the *previous* Measurement Taker record stored in AOPM

▶   Displays the *next* Measurement Taker record stored in AOPM

▶| Displays the *last* Measurement Taker record stored in AOPM

- Browse   Causes the Select Measurement Taker Dialogue to reappear, showing all Measurement Taker records stored in AOPM. The user may select an Measurement Taker and press Close.

- New   Allows a new Measurement Taker to be created.

- Edit   Allows the currently displayed Measurement Taker's data to be edited.

- Print   Allows the currently displayed Measurement Taker's data to be printed.

- Save   Saves the Measurement Taker data currently being edited.

- Cancel   If present, Abandons any changes made in the current editing session to the currently displayed Measurement Taker.

- Delete   If present, deletes the currently displayed Measurement Taker.

- Close   Closes the Measurement Taker screen.

The Apparel Order Processing Screen

The Apparel Order Processing Screen is the main transaction entry and review screen in AOPM. It is designed to perform many different functions, and the use of these functions varies depending upon the location at which AOPM is installed. The possible functions include: Creation of outbound transactions, such as Purchase Orders (X12 850), Purchase Order Acknowledgments (855), Advance Ship Notices (ASN) (856), ASN Responses (824), and Invoices (810); receipt and review of inbound transactions, including Purchase Orders (850), Purchase Order Acknowledgments (855), Purchase Order Changes (860), Advance Ship Notices (ASN) (856), ASN Responses (824), and Invoices (810). All needed data entered into an original Purchase Order is returned automatically in subsequent (related) documents when the P.O. is responded to by another AOPM system, and thus the relevant data is carried throughout the transaction cycle, from Purchase Order to Invoice.

The Apparel Order Processing Screen is available from the Process Menu on the AOPM Menu Bar. *Note: The other two options on this menu are available for use only at the DPSC Site.*

Creating Outbound Transactions

To create any outbound transaction, press the *New* button on the Apparel Order Processing Screen. The Select Transaction Type window will appear. Select the desired transaction type on the left side of the window. Ignore the right side of the window *unless* you are creating a turnaround transaction (see *Turnaround Transactions* on page 16) or you are using a previous purchase order as a template for a new one.

Select Transaction Type Dialogue

On the left side of the dialogue box, select the outbound transaction type (in this case, "850 Purchase Order"). Enter a code (i.e. "DPSC") for the Transmit To field. The Transmit From field is automatically filled in from the Site ID field in the Site Information Screen. For a new transaction that is not a turnaround transaction, such as a purchase order, the right side of this dialogue is ignored. If it *is* to be a turnaround transaction, check the "Turnaround From" check box on the right side of the dialogue (see *Turnaround Transactions* below). Press the OK button to return to the Apparel Order Processing Screen.

Turnaround Transactions

A *turnaround* transaction is an outbound transaction that uses data from an incoming transaction to populate some of its fields. Details are presented in Figure 1 and Table 2 below. The identifying data from the original inbound transaction should appear on the right side of the dialogue. If this information is incorrect, click Cancel and make sure that the correct inbound transaction is displayed on the Apparel Order Processing Screen. If the information is correct, press the OK button to begin creating the turnaround transaction.

Figure 1. Turnaround Processes

Select outbound direction and transaction type; enter Receiver ID Code; screen is populated with basic inbound data; add and/or change values; release.

Incoming Data → EDI Translation or Special Software Interface

Flat File → Mapper → Application Databases

EDI Transmission ← Mapper, Flat File Output
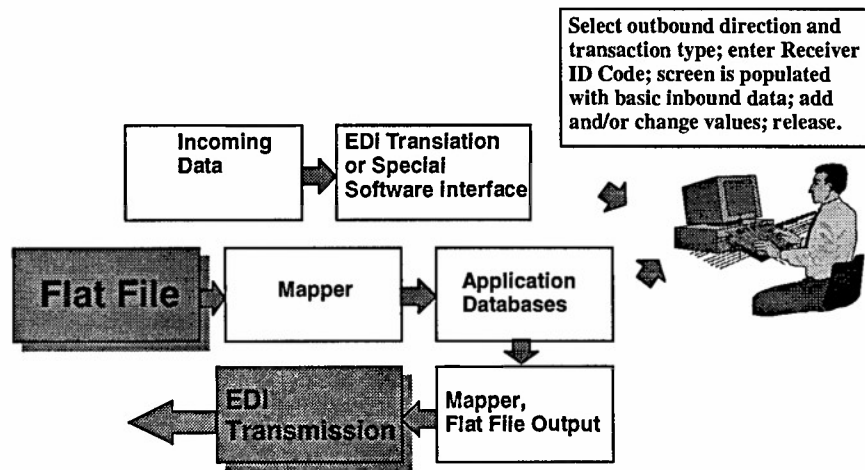
Table 2. Turnaround Relationships

Receive	Turnaround To	Send To
850 Purchase Order at Property Management from ROTC, Jr. ROTC	850 (Approve; add data per Property Management requirements)	DPSC
850 Purchase Order at DAM from DPSC	855 Purchase Order Acknowledgment	DPSC
850 Purchase Order at DAM from DPSC	856 Ship Notice	"Ship To" ordering activity; DPSC; DCMC
856 Ship Notice at "Ship To" ordering activity from DAM	824 Application Advice (Proof of delivery)	DAM and payment location
850 Purchase Order from DAM at DPSC	810 Invoice	DPSC or DFAS
850 Purchase Order from Property Management at DPSC	Flat file to mainframe or internal application (Optional)	Mainframe or internal application

Outbound Purchase Order (X12 850)

The creation of an outbound Purchase Order is the start of an AOPM trading cycle, and involves the largest volume of data and number of screens for any AOPM transaction. To create an outbound Purchase Order, press the *New* button on the Apparel Order Processing Screen (see next page). The Select Transaction Type window will appear. Select "850 Purchase Order" on the left side of the window. Ignore the right side of the window *unless* you are using a previous purchase order as a template for the new one. For more information, see *Turnaround Transactions* on page 16.

Apparel Order Processing...				☒
From	**Document: OUTBOUND Purchase Order**		**Status: Pending Release**	
FORT-JACK	PO/Doc # DODAAC71749300	Date 06/23/97 Requested / /	Release ☐ By ☐	
To DPSC	Contract N20001-94-X-1001	Terms	Date / /	
Ship To	DODAAC DODAAC Supplemental DODAAC ☐ Carrier UPSS			Next
	Address Clothing Initial Issue Points	Country US		Previous
	City Ft. Jackson	State/Prov SC Postal Code 29207		Find
Clothing For	Name Ronald A. Smith	SSN 111-23-1313		New
	Age 23 Rank CP Component Active Duty ▼	⊙ Male ○ Female		Edit
	Org Default Individual Organization			Save
	Notes Transfer from San Diego			Delete
				Print
Garments Measurements Profile	Total Amount 160.00	Admin n/a		Close
Garments	NSN/Article Number	Description	Quantity	Ext. Amt.
	8405L083043048/AWC580	All Weather Coat	1.00	125.00
	8415L083193048/CAP741	BDU Caps	1.00	35.00

Keystrokes

The following are the keystrokes available for the AOPM Application Screen.

- To move within the fields on the application screen, you may use the **TAB** or **Shift-TAB** keys, or click on a field of your choosing with the mouse.

Field Definitions

- From   *System field: Displays the EAGLE EDI Partner code for the sender of an inbound or outbound transaction.*

- To   *System field: Displays the EAGLE EDI Partner code for the receiver of an inbound or outbound transaction.*

- PO/Doc #   The document number for the Purchase Order.

- Date   The date of the Purchase Order.

- Requested   Date Requested.

- Contract   Contract number.

- Terms   Terms applicable to the current transaction.

- Release   Check this box to release the Purchase Order for transmission in the next communications session.

- By   *System field: Displays the initials of the Ordering Official logged into AOPM when the release box is checked.*

- Date   *System field: Displays the date of release of the current transaction.*

- DODAAC   Ship-to Department of Defense Activity Code. This field is filled automatically from the Site Information Screen.

- Supplemental DODAAC   Supplemental Department of Defense Activity Code.

- Carrier   Carrier Code.

- Address   Ship-to address. This field is filled automatically from the Site Information Screen.

- Country   Ship-to country code (2-character code). This field is filled automatically from the Site Information Screen.

- City   Ship-to city. This field is filled automatically from the Site Information Screen.

- State/Prov   Ship-to state or province (2-character code). This field is filled automatically from the Site Information Screen.

- Postal Code   Ship-to postal code (up to 10 digits). This field is filled automatically from the Site Information Screen.

- Name   Clothing-for individual name.

- SSN   Clothing-for individual Social Security Number.

- Age   Clothing-for individual age.

- Rank   Clothing-for individual rank.

- Component   Clothing-for individual component: Active Duty, National Guard, Reserve, or None (blank).

- Male/Female   Clothing-for individual's gender. Determines which measurement and profile screens are presented.

- Org   Clothing-for individual's organization.

- Notes   Transaction note.

- Total Amount   *System field: Displays the total price of all garments entered on the Garment (line item) Screen.*

Subordinate Screen Buttons

- Garments   Displays the Garment Screen.

- Measurements   Displays the Measurement Screens in sequence, depending on the
                      value of the Male/Female radio button.

- Profile   Displays the Profile Screens in sequence, depending on the value of
                      the Male/Female radio button.

- Admin   Displays the Administrative Contacts Screen.

- n/a   This button is not active for the current transaction type.

Navigation and Control Buttons

- Next   Displays the next transaction in the AOPM database.

- Previous   Displays the previous transaction in the AOPM database.

- Find   Allows a search of all transactions in the AOPM database. The
                      selected transaction is displayed.

- New   Permits creation of a new transaction, via the New Transaction
                      Dialogue.

- Edit   Permits editing of the currently displayed transaction.

- Save   Saves any changes to the currently displayed transaction.

- Delete   Deletes the currently displayed transaction.

- Print   Prints the currently displayed transaction.

- Close   Closes the Apparel Order Processing Screen.

Administrative Contacts Screen

When the Admin button on the Apparel Order Processing (Purchase Order) Screen is pressed, the Administrative Contacts Screen appears. *Note: This screen appears once automatically when creating a new Purchase Order via the "New" button.*

To select an Ordering Official or Measurement Taker from the AOPM databases, press the button marked "…" to the right of the Name field for each. For more information on these values, see *Ordering Official Screens* on page 9 and *Measurement Taker Screens* on page 12.

Field Definitions and Buttons

• Site Code	*System field: Displays the Site Code from the Site Information Screen.*

Ordering Official

• Name	The name of the Ordering Official logged into AOPM when the transaction was created.
• Telephone	The telephone number of the Ordering Official.
• Fax	The fax number of the Ordering Official.

Measurement Taker

• Name	The name of the Measurement Taker.
• OK Button	Closes the Administrative Contact Screen, saving any changes.
• Cancel Button	Closes the Administrative Contact Screen, abandoning any changes.

Garment Screen for Purchase Order

PO Information Fields (header information - display only)

- Date   Purchase Order Date.

- Requested   Date Requested.

- Ship To   Ship-to DODAAC code.

- Released   If checked, indicates transaction has been released from AOPM.

- PO/Doc #   Document Number.

- Carrier   Carrier Code.

- Date   Date released (if applicable).

Garment Line Item Fields

- CLIN   Contract Line Item Number

- Unit   Unit of Measure for item (i.e. "EA").

- Delivery Date   *Not applicable for purchase orders.* For ASN (DD250) transactions, this field is used for the DAM's delivery date for the current line item.

- Garment   The internal Garment Code for the selected garment. This field is automatically filled after a garment is selected, but it may be modified if necessary.

- Select Garment Button   This button, to the right of the Garment field, presents a list of valid garments for the Service currently set up in the Site Information Screen.

- **Measurements**   This button presents the measurement screens for the gender of the "Clothing For" individual.

- **NSN/Art.#**   The National Stock Number or Article Number for the selected garment. This field is automatically filled after a garment is selected, but it may be modified if necessary.

- **Dest./Req.**   *System field: Destination/Requisition*

    (This value is determined from the 3-character code Distribution Code in the Site Information Screen, plus the character "/", plus the first 5 characters of the NSN/Art.# for the selected garment)

- **Description**   The description for the selected garment. This field is automatically filled after a garment is selected, but it may be modified if necessary.

- **Qty Ordered**   The number of garments ordered.

- **Price**   The price of each garment.

- **Qty Approved**   *Not applicable for purchase orders.* For ASN Response transactions, this field is used for the approved quantity for the current line item. For P.O. Change transactions (which may only be created at DPSC), this field becomes the "New Quantity" field.

- **Amount**   *System field: The extended amount of the current line item (quantity multiplied by price).*

- **Item Acknowledg- ment Code**   *Not applicable for purchase orders.* For ASN Response transactions, item acceptance or rejection is indicated here. The options are *IA - Item Accept, IR - Item Reject,* and *IP - Item Partial Accept.* If the value is *[empty],* no Item Acknowledgment Code will be transmitted.

- **Order Notes**   Free-form note related to the line item.

- **Ship Notes**   *Not applicable for purchase orders.* For ASN (DD250) transactions, this field can be used for notes related to shipment of the current line item.

Navigation and Control Buttons

- Next   Displays the next garment (line item) for the current transaction.

- Previous   Displays the previous garment (line item) for the current transaction.

- Find   Allows a search of all line items for the current transaction. The selected transaction is displayed.

- New   Permits addition of a new line item.

- Edit   Permits editing of the currently displayed line item.

- Save   Saves any changes to the currently displayed line item.

- Cancel   Deletes the currently displayed line item.

- Print   Prints the currently displayed line item.

- Close   Closes the Garment Screen.

Garment Selection Screen

To select a garment for the current line item, press the button marked "..." to the right of the Garment field. The *Select Garment* list will appear. Highlight the desired garment from the list and press the OK button. This will cause the Garment, NSN/Art.#, Description and Dest/Req fields to be filled automatically. Each of these fields can be manually modified except for the Dest/Req field, which is updated when the Garment or NSN field is changed.

The Measurements Button

Coat and Shirt Measurements Screen (Male)

Field Definitions and Buttons

- **Back**   Coat length, back width (Min=10 in; Max=20 in).

- **Collar-Waist**   Coat length, collar to waist (Min=15 in; Max=25 in).

- **Waist-Length**   Coat length, waist to length desired (Min=30 in; Max=60 in).

- **Chest**   At breast level, inhale (Min=30 in; Max=50 in).

- **Waist**   Around waist at navel (just above hips), stomach natural position (Min=25 in; Max=51 in).

- **Collar**   Around neck at center (Min=12 in; Max=19 in).

- **Sleeve**   Base of neck to top of hand, arm straight down (Min=30 in; Max=39 in).

- **Over Shoulder**   Shoulder circumference (Min=38 in; Max=56 in).

- **Height**   Height, barefoot (Min=60 in; Max=81 in).

- **Weight**   Weight, no shoes (Min=90 lb; Max=310 lb).

- **Head**   Around head at the center of the forehead (Min=12 in; Max=20 in).

- **OK Button**   Closes this screen, saving any changes.

- **Cancel Button**   Closes this screen, abandoning any changes.

Male Trouser Measurements Screen

Field Definitions and Buttons

- Outseam   Top of hip to bottom of ankle (Min=36 in; Max=72 in).

- Inseam   Crotch to bottom of ankle (Min=25 in; Max=40 in).

- Waist   Around waist at navel (just above hips), stomach natural position (Min=25 in; Max=51 in).

- Abdomen   Around body just above top of legs (Min=22 in; Max=60 in).

- Thigh   Around thigh near crotch (Min=12 in; Max=22 in).

- Seat   Around body at center of seat (Min=35 in; Max=60 in).

- Knee   Around knee at knee cap (Min=10 in; Max=18 in).

- Bottom   Desired circumference at bottom or hem of trousers (Min=15 in; Max=25 in).

- OK Button   Closes this screen, saving any changes.

- Cancel Button   Closes this screen, abandoning any changes.

Body Measurements Screen (Female)

Field Definitions and Buttons

- **Head**   Around head at just above forehead (Min=9 in; Max=18 in).

- **Neck**   Neck to dress hemline (Min=30 in; Max=50 in).

- **Shldr Grth**   Shoulder girth (Min=15 in; Max=30 in).

- **Bust**   Bust point to bust point around neck (Min=20 in; Max=40 in).

- **Upper Arm**   Upper arm, around fullest part (Min=12 in; Max=22 in).

- **Waist**   Around waist at navel (just above hips), stomach natural position (Min=20 in; Max=51 in).

- **Abdominal Girth**   Abdominal girth (Min=22 in; Max=50 in).

- **Hip**   Around body at hips (Min=35 in; Max=60 in).

- **Thigh**   Around thigh near crotch (Min=10 in; Max=20 in).

- **Waist to Ankle Bone**   Waist to ankle bone (Min=28 in; Max=56 in).

- **Shoulder Length**   Shoulder length (Min=15 in; Max=25 in).

- **Total Arm Length**   Total arm length from center back (Min=25 in; Max=42 in).

- **Back-Waist**   Center back at neck to waist length (Min=24 in; Max=36 in).

- **Total Crotch (A-B)**   Waist front through crotch to waist back (Min=28 in; Max=46 in).

- **Bust around Neck**   Bust point to bust point around neck (Min=20 in; Max=40 in).

- Neck to Waist   Around neck to waist (Min=30 in; Max=50 in).

- Underarm Length   Underarm length (Min=16 in; Max=30 in).

- Hand   Around hand below thumb (Min=5 in; Max=9 in).

- Height   Height, barefoot (Min=60 in; Max=77 in).

- Weight   Weight, no shoes (Min=85 lb; Max=250 lb).

- OK Button   Closes this screen, saving any changes.

- Cancel Button   Closes this screen, abandoning any changes.

Finished Garment Measurements Screen (Female)

Field Definitions and Buttons

- (Q-R)   Around waist at navel (just above hips), stomach natural position (Min=20 in; Max=51 in).

- (S-T)   Around body at hips (Min=35 in; Max=60 in).

- (U-V)   Hemmed skirt length (Min=15 in; Max=45 in).

- (O-P)   Coat length, back width (Min=10 in; Max=20 in).

- (G-H)   Total arm length from center back (Min=25 in; Max=42 in).

- (J-L)   Jacket length (Min=20 in; Max=45 in).

- (J-K)   Coat length, collar to waist (Min=15 in; Max=23 in).

- (M-N)   Around body at hips (Min=35 in; Max=60 in).

- (E-F)   Base of neck to top of hand, arm straight down (Min=25 in; Max=35 in).

- (C-D)   Total arm length from center back (Min=25 in; Max=42 in).

- (A-B)   Neck to dress hemline (Min=30 in; Max=50 in).

- (A-B1)   Neck to unhemmed dress length (Min=32 in; Max=52 in).

- (W-X)   Around waist at navel (just above hips), stomach natural position (Min=20 in; Max=51 in).

- (AA-BB)   Top of hip to trouser hemline (Min=30 in; Max=50 in).

- (AA-CC)   Top of hip to unhemmed trouser length (Min=32 in; Max=52 in).

- (Y-Z)   Crotch to trouser hemline (Min=20 in; Max=35 in).

- (Y-ZZ)   Crotch to unhemmed trouser length (Min=22 in; Max=37 in).

- OK Button   Closes this screen, saving any changes.

- Cancel Button   Closes this screen, abandoning any changes.

The Profile Button

Male Profile Screen

Radio Buttons

- Posture   Select Normal, Erect, or Forward Stooped.

- Build   Select Normal, Half-Stout, Stout, or Corpulent.

- Shoulders   Select Sloping, Regular, Square, or High/Short.

- OK Button   Closes this screen, saving any changes.

- Cancel Button   Closes this screen, abandoning any changes.

Female Profile Screen

Radio Buttons and Check Boxes

- Posture   Select Normal or Sway Back.

- Abdomen   If applicable, check Prominent Seat and/or Large Abdomen.

- Shoulders   Select Normal, Sloping, or Square.

- Bust   Select Full, Regular, or Flat.

- OK Button   Closes this screen, saving any changes.

- Cancel Button   Closes this screen, abandoning any changes.

Inbound ASN (DD250/X12 856)

All fields on the Apparel Order Processing Screen are the same as the Purchase Order. The DD250 button replaces the n/a button:

Subordinate Screen Buttons

- Garments   Displays the Garment Screen.

- Measurements   Displays the Measurement Screens in sequence, depending on the value of the Male/Female radio button.

- Profile   Displays the Profile Screens in sequence, depending on the value of the Male/Female radio button.

- Admin   Displays the Administrative Contacts Screen. For more information, see page 21.

- DD250   This button presents the DD250 Address Information Screen.

DD250 Address Information Screen

Keystrokes

The following are the keystrokes available for the DD250 Address Information Screen.

- To move within the fields on the application screen, you may use the **TAB** or **Shift-TAB** keys, or click on a field of your choosing with the mouse.

Field Definitions and Buttons

The following are the field definitions and buttons available for the DD250 Address Information Screen, which is a subordinate screen to the Apparel Order Processing Screen when an Inbound or Outbound ASN is displayed.

- Terms   Terms code.

- Percent   Terms discount percent.

- Days   Terms discount days.

- Shipment ID   Shipment or Bill of Lading Number.

- Method   Shipment Method.

- Ship To Name   The name of the organization to ship to.

- Prime Contractor The *Name* of the Prime Contractor, with additional *DODAAC Code* (to the right of the *Name* field), *Address* and *City/St/Zip/Cntry* fields.

- Administered By   The *Name* of the Administered By organization, with additional *DODAAC Code* (to the right of the *Name* field), *Address* and *City/St/Zip/Cntry* fields.

- Shipped From   The *Name* of the Shipped From organization, with additional *DODAAC Code* (to the right of the *Name* field), *Address* and *City/St/Zip/Cntry* fields.

- Payment Made By   The *Name* of the Payment Made By organization, with additional *DODAAC Code* (to the right of the *Name* field), *Address* and *City/St/Zip/Cntry* fields.

- OK Button   Closes the current screen.

- Cancel Button   Closes the current screen (has the same effect as the OK button, since there are no edits permitted on inbound transactions).

Outbound ASN Response (X12 824)

To create an ASN Response transaction in response to an inbound ASN, display that inbound ASN, and press the New button. In the Select Transaction Type Dialogue, insure that the 824 ASN Response is selected, enter the EDI Trading Partner code in the Transmit To field, and check the Turnaround From check box. For more information, see *Turnaround Transactions* on page 16.

Select Transaction Type Dialogue for Outbound ASN Response

Field Definitions and Buttons

- "Create New" radio buttons

  Allows selection of the Transaction Type.

- Transmit To

  The EDI Partner Code for the receiver of the new transaction.

- Transmit From

  Your AOPM Site ID. This field is filled automatically.

- Turnaround From

  Check this box if you are creating a turnaround transaction. For ASN Response, this box should be checked.

- OK Button   Closes this screen, saving any changes.

- Cancel Button   Closes this screen, abandoning any changes.

When you create an outbound ASN Response, the ASN Response - Additional Information Screen will appear. After you press OK on that screen, the ASN Response document will be visible. The Resp button will bring up the ASN Response - Additional Information Screen if further changes are needed.

ASN Response - Additional Information

Field Definitions and Buttons

- Shipped From   DODAAC Code for the Shipped From organization

- Payment To Be   DODAAC Code for the Payment To Be Made By organization
  Made By

- OK Button   Closes this screen, saving any changes.

- Cancel Button   Closes this screen, abandoning any changes.

The basic ASN Response Transaction is created automatically. Data may be changed or added as needed. Fields which can be modified are editable when in Edit mode (this is the default mode for a new transaction, and is available at other times by pressing the Edit button). The same is true on the Apparel Order Line Items Screen, which is available by pressing the Garments button.

Unique Subordinate Screen Button

- Resp   Brings up the ASN Response - Additional Information Screen if
                          further changes are needed.

Inbound Purchase Order (X12 850)

The Inbound Purchase Order may not be edited. All information may be reviewed on the screen. Subordinate screens are available by pressing the appropriate buttons: Garments, Measurements, Profile and Admin. For more information on these screens, see page 18.

Subordinate Screen Buttons

- **Garments**   Displays the Garment Screen.

- **Measurements**   Displays the Measurement Screens in sequence, depending on the value of the Male/Female radio button.

- **Profile**   Displays the Profile Screens in sequence, depending on the value of the Male/Female radio button.

- **Admin**   Displays the Administrative Contacts Screen.

- **n/a**   This button is not active for the current transaction type.

Outbound Purchase Order Acknowledgment (X12 855)

To create an outbound Purchase Order Acknowledgment, display the Inbound Purchase Order and press the New button. The Select Transaction Type Dialogue will appear.

Select Transaction Type Dialogue

Click on 855 P.O. Acknowledgment, enter the Transmit To EDI Partner Code (i.e. DPSC), and check the Turnaround From check box. The Inbound Purchase Order date, number and contract should appear on the right side of the dialogue. If this information is incorrect, click Cancel and make sure that the correct Inbound Purchase Order is displayed on the Apparel Order Processing Screen. If the information is correct, press the OK button to begin creating the P.O. Acknowledgment.

The basic P.O. Acknowledgment transaction is created automatically. Data may be changed or added as needed. Fields which can be modified are editable when in Edit mode (this is the default mode for a new transaction, and is available at other times by pressing the Edit button). The same is true on the Apparel Order Line Items Screen, which is available by pressing the Garments button.

Inbound Purchase Order Change Request (X12 860)

The Inbound Purchase Order Change Request may not be edited. All information may be reviewed on the screen. Subordinate screens are available by pressing the appropriate buttons: Garments and Contact.

Subordinate Screen Buttons

- Garments   Displays the Garment Screen.

- Contact   Displays the Purchase Order Change Contact Information Screen.

Garment Screen for Inbound Purchase Order Change Request

Purchase Order Change Contact Information

Field definitions for this screen are on the following page.

Field Definitions

- DPSC Office Symbol   A code identifying the DPSC Office.

- PCO Name   The name of the Primary Contracting Officer.

- PCO Telephone   The telephone number of the Primary Contracting Officer.

- Buyer Name   The name of the buyer.

- Buyer Telephone   The telephone number of the buyer.

- FOB Location Code   A code identifying the FOB location.

- OK Button   Closes the current screen.

- Cancel Button   Closes the current screen (has the same effect as the OK button, since there are no edits permitted on inbound transactions).

Outbound ASN (DD250/X12 856)

To create an outbound ASN, display the Inbound Purchase Order and press the New button. The Select Transaction Type Dialogue will appear. For more information on this screen, see page 16.

Click on 856 Advance Ship Notice, enter the Transmit To EDI Partner Code (i.e. FT-JACK), and check the Turnaround From check box. The Inbound Purchase Order date, number and contract should appear on the right side of the dialogue. If this information is incorrect, click Cancel and make sure that the correct Inbound Purchase Order is displayed on the Apparel Order Processing Screen. If the information is correct, press the OK button to begin creating the ASN.

You may also enter an Outbound ASN without an Inbound Purchase Order in the database, by leaving blank the Turnaround From check box on the Select Transaction Type Dialogue.

The basic ASN transaction is created automatically. Data may be changed or added as needed. Fields which can be modified are editable when in Edit mode (this is the default mode for a new transaction, and is available at other times by pressing the Edit button). The same is true on the Apparel Order Line Items Screen, which is available by pressing the Garments button.

Subordinate Screen Buttons

- Garments   Displays the Garment Screen.

- DD250   Displays the DD250 Address Information Screen.

Garment Screen for Outbound ASN

The Apparel Order Line Item Screen displays the data from the original Purchase Order, and permits modification of the Garment fields, as well as the addition of a Delivery Date and Ship Notes.

DD250 Address Information Screen

Outbound Invoice Screen (X12 810)

Subordinate Screen Button

- Garments   Displays the Garment Screen.

- Admin   Displays the Administrative Contacts Screen.

- Invoice   Displays the Commercial Invoice Additional Information Screen.

Commercial Invoice Additional Information Screen

Field Definitions

- **Shipment ID** — The Shipment ID for the garments shipped.

- **Method** — The shipment method.

- **Ship To Name** — The Ship-to Name

- **Terms** — The terms percent and days applied to the invoice.

- **Amount Subj to Disc** — The portion of the invoice amount to which a terms-based discount would be applied.

- **Indicator** — Enter "A" for allowance; "C" for charge.

- **Amount** — Any allowance or charge (as indicated in the *Indicator* field) that is applied to the invoice.

- **OK Button** — Closes this screen, saving any changes.

- **Cancel Button** — Closes this screen, abandoning any changes.

Outbound Invoice Garment Screen

The Apparel Order Line Items Screen for the Outbound Invoice contains all data from the original Purchase Order, when created as a turnaround transaction. For more information on the fields of this screen, see *Garment Screen for Purchase Order* on page 22.

Inbound Invoice Screen (X12 810)

The Inbound Purchase Order Change Request may not be edited. All information may be reviewed on the screen. Subordinate screens are available by pressing the appropriate buttons: Garments, Admin and Invoice. For more information on Invoice fields and subordinate screens, see *Outbound Invoice Screen (X12 810)* on page 44.

Subordinate Screen Buttons

- Garments   Displays the Garment Screen.

- Admin   Displays the Administrative Contacts Screen.

- Invoice   Displays the Commercial Invoice Additional Information Screen.

Appendix A - Introduction to ARN Data Mapping

1. The flat file containing purchasing data is constructed for the following purposes:
    *   Providing from the AOPM application any data intended for transmission:
        ⇒ Data to be translated to EDI (by Eagle or an alternative. This data may be transmitted by the EDI system via an EDI VAN or the Internet.)
        ⇒ Data to be transmitted via the Internet as a flat file.

    In both cases, the flat file formats are identical.
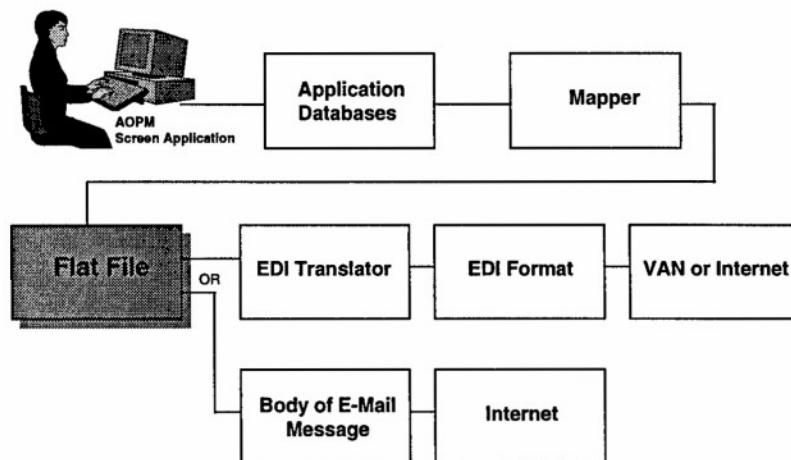
Diagram A1. Position of Flat Files In Data Flow From the Application

*   Providing data from the EDI system to an application system. The application system may be the AOPM application or any other application at a user's site, such as the Apparel Information Management System (AIMS).
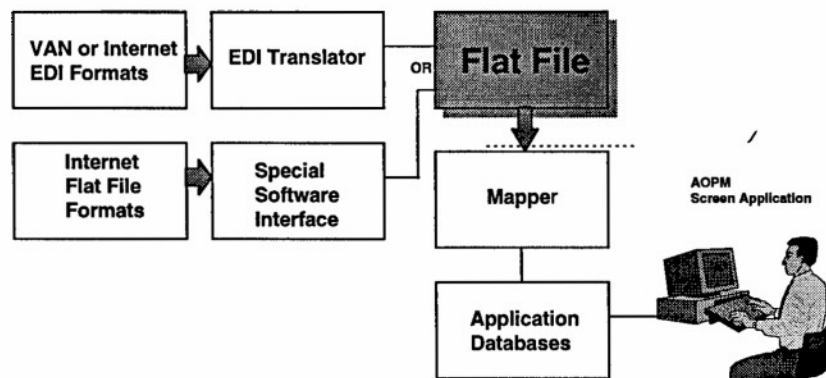
Diagram A2. Position of Flat Files In Data Flow To the Application

*   Providing flat file data directly from the Internet to be used by an application.
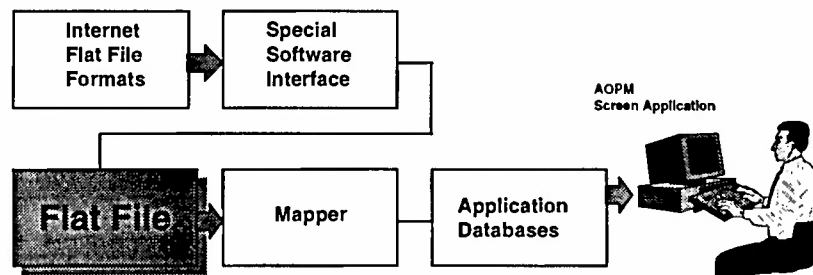
Diagram A3. Position of Flat Files In Data Flow To the Application When No EDI Is Employed

2. The flat file scheme for an ARN purchase order consists of three types of variable length records. Each record contains a record identifier code and several fields, each separated by a delimiter. Details are presented in Table A1-A4.

3. The record types are:
    *   H—Fields for the header section of the purchase order.
    *   M—Fields for a measurements associated with a particular line item.
    *   N—Fields for names and addresses and related items.
    *   L—Fields for the line item section of the purchase order.
    *   S—Fields for the summary section of the purchase order.

4. The code "H", "M", "N", "L", or "S" is at the beginning of each line. This is followed by a vertical bar (|) delimiter and field for each of the fields in the record. All fields are accounted for in the record, even empty fields. The delimiter is a place marker.

5. Fields may be trimmed with trailing spaces for character fields removed and leading zeros for numeric fields removed.

6. Negative numbers will have a minus sign (-) prefix. Positive numbers will have no prefix. Decimal place markers (decimal points) are used where required to indicate fractional values.

7. The format for the purchase order flat file records is shown in Table A1. Each line in the table corresponds to a field in a record.

For more information on the EDI data mapping specifications, see *Appendix B - EDI Data Mapping* on page B-1. For more information on the AIMS data mapping specifications, see *Appendix C - AIMS Data Mapping Specifications* on page C-1.

Appendix B - EDI Data Mapping

Where ARN data is transmitted via EDI, it is mapped between the ARN Flat File format and the X12 EDI formats for the different transaction types. See *EDI Transaction Types* on page 2 for more information. Below are the specifications for mapping from the ARN AOPM Flat File to the various X12 EDI transaction types.

Table B1. ARN Industry Flat File Record Formats (Purchase Order) to X12 850

REC CODE	FLD	MSG SET	Industry Name	QUAL	EDIREF
H	1	850	Header record code (H)		
H	2	850	Transaction set code (850)		
H	3	850	Control number (serial number)		
H	4	850	Trading partner (sent to)		
H	5	850	Trading partner (received from)		
H	6	850	PO Purpose Code (00=Original)		353 M ID 2 2 BEG01: Transaction Set Purpose Code
H	7	850	PO Type Code (BK=Blanket Order)		92 M ID 2 2 BEG02: Purchase Order Type Code
H	8	850	Contract Number + Call		324 M AN 1 22 BEG03: Purchase Order Number
H	9	850	Date of Delivery Order		323 M DT 6 6 BEG05: Purchase Order Date
H	10	850	Accounting Data		3 M AN 1 60 NTE02: Accounting Data
H	11	850	Ordering Site		93 O AN 1 35 PER02: Ordering Site Name
H	12	850	Ordering Contact	OC	93 O AN 1 35 PER02: Submitting Contact Name
H	13	850	Ordering Contact Telephone	TE	364 C AN 7 25 PER04: Telephone Number
H	14	850	Submitted By (Originator)	SM	93 O AN 1 35 PER02: Submitting Contact Name
H	15	850	Submitted By Telephone	TE	364 C AN 7 25 PER04: Communication Number
M	1	850	Measurement record code (M)		
M	2	850		F	349 M ID 1 1 PID01: Item Description Type
M	3	850		08	750 O ID 2 3 PID02: Product

Table B1. ARN Industry Flat File Record Formats (Purchase Order)					
REC CODE	FLD	MSG SET	Industry Name	QUAL	EDIREF
M	4	850	Measurement Details Format: Meascode (2 char) (space fill if the code is one character)+Space+Measure (6 digits) (space fill on left if less than 6 digits; format 999.99)+Space+Measurement description (from d_mdescr.measinst)		352 C AN 1 80 PID05: Special Measurement - In EDI, data from the LM records will be transmitted in PID segments in the haeading section of the transaction set, preceeding the N1 segments. Each PID segment in this position will include a measurement or profile data.
N	1	850	Names/Addresses record code (N)		
N	2	850	Ship To Site Name .	ST	93 O AN 1 35 N102: Ordering Contact
N	3	850	Ship To Site DODAAC	10	67 C AN 2 17 N104: Identification Code
N	4	850	Name of Individual to Receive the Apparel		93 M AN 1 35 N201: Individual Name
N	5	850	Measurement Taker Name		93 M AN 1 35 N202: Measurement Taker Name
N	6	850	Ship To Site Address -line 1		166 M AN 1 35 N301: Address Information
N	7	850	Ship To Site Address - line 2		166 M AN 1 35 N301: Address Information
N	8	850	Ship To Site City		19 C AN 2 30 N401: City Name
N	9	850	Ship To Site State		156 O ID 2 2 N402: State or Province Code
N	10	850	Ship To Site Postal Code		116 O ID 3 9 N403: Postal Code
N	11	850	Ship To Site Country		26 O ID 2 3 N404: Country Code
N	12	850	Sex/Profile identification Format: Sex (1 char)+Space+Shoulders (3 char)+Bust (3 char) (space fill for male)+Space+Posture (3 char)+Space+Seat (3 char) (space fill)+Space+Abdomen (3char)+(space fill for male)+Build (3 char)	JD	127 C AN 1 30 REF02: Reference number-(User identification)
L	1	850	Line item record code (L)		
L	2	850	CLIN		350 O AN 1 11 PO101: CLIN
L	3	850	Quantity Ordered		330 M R 1 9 PO102: Quantity Ordered
L	4	850	Unit of Measurement Code [for quantity]		355 M ID 2 2 PO103: Unit of Measurement Code
L	5	850	Unit Price		212 C R 1 14 PO104: Unit Price

REC CODE	FLD	MSG SET	Industry Name	QUAL	EDIREF
L	6	850	Delivery Date	ZZ	234 C AN 1 30 PO107: Delivery Date YYNNDD
L	7	850	Destination/Requisition	ZZ	234 C AN 1 30 PO109: Destination/Requisition
L	8	850		F	349 M ID 1 1 PID01: Item Description Type
L	9	850		08	750 O ID 2 3 PID02: Product/Process
L	10	850	National Stock Number///Garment Code - Note: For special measurement orders, add to the NSN//Garment Code the string "-SPECIAL ME" instead of a Size value.		352 C AN 1 80 PID05: Description
L	11	850	Nomenclature (Article description)		3 M AN 1 60 NTE02: Nomenclature
L	12	850	Line item note	LIN	3 M AN 1 60 NTE02: Line Item Note
S	1	850	Summary record code (S)		
S	2	850	Quantity/Dollar Totals		3 M AN 1 60 NTE02: Quantity/Dollars
S	3	850	Number of Line Items		354 M NO 1 6 CTT01: Number of Line Items
S	4	850	Purchase Order Amount		782 M R 1 15 AMT02: Amount of Order
S	5	850	Tracing note		3 M AN 1 60 NTE02: Nomenclature
S	6	850	Operator ID at time of release	PUR	3 M AN 1 60 NTE02: Operator ID Note
S	7	850	Age (2 digits) =Rank (2 char) +Component (AD, NG, AR,NR, FR, MR or blank)	EMC	3 M AN 1 60 NTE02: Personal Data Note

Table B1. ARN Industry Flat File Record Formats (Purchase Order)

Table B2. ARN Industry Flat File Record Formats (Invoice) to X12 810

REC CODE	FLD	MSG SET	Industry Name	QUAL	EDIREF
*:. **Table B2. ARN Industry Flat File Record Formats (Invoice)** (Each line in the table corresponds to a field in a record.)					
H	1	810	Header record code (H)		
H	2	810	Transaction set code (810)		
H	3	810	Control number (serial number)		
H	4	810	Trading partner (sent to or received from)		
H	5	810	Invoice Date		245 M ID 6 6 BIG01: Invoice Date YYMMDD
H	6	810	Invoice Number		76 M ID 2 22 BIG02: Invoice Number (DFAS limit 8 characters)
H	7	810	Purchase Order Number - PIIN and CALL		324 M AN 1 22 BIG04: Purchase Order Number PIIN and CALL (DFAS limit 13 characters)
H	8	810	Transaction Type Code ("DI")		323 M DT 2 2 BIG07: Transaction Type Code ("DI"=Debit Invoice)
H	9	810	Ship To Site Name	ST	93 O AN 1 35 N102: Ordering Contact
H	10	810	Ship To Site DODAAC	10	67 C AN 2 17 N104: Identification Code
H	11	810	Terms Discount Percent		338 C AN 2 17 ITD03: Terms Discount %
H	12	810	Terms Discount Days Due (Number of days)		351 C AN 2 17 ITD05: Terms Discount Days Due
H	13	810	Date Shipped	011	373 C AN 6 6 DTM02: Date YYMMDD
H	14	810	Ship ID	SI	127 C AN 1 30 REF02: Reference Number
L	1	810	Line item record code (L)		
L	2	810	CLIN		350 O AN 1 11 IT101: CLIN
L	3	810	Quantity Invoiced		358 M R 1 9 IT102: Quantity Ordered
L	4	810	Unit of Measurement Code [for quantity]		355 M ID 2 2 IT103: Unit of Measurement Code
L	5	810	Unit Price		212 C R 1 14 IT104: Unit Price (Format 00.00)
L	6	810	Product/Service ID	FS	234 C AN 1 30 IT107: NSN - National Stock Number
L	7	810		F	349 M ID 1 1 PID01: Item Description Type

REC CODE	FLD	MSG SET	Industry Name	QUAL	EDIREF
L	8	810		08	750 O ID 2 3 PID02: Product/Process
L	9	810	Item Description		352 C AN 1 80 PID05: Description
S	1	810	Summary record code (S)		
S	2	810	Total Invoice Amount		361 M R 1 15 TDS01: Total Invoice Amount
S	3	810	Amount Subject to Time Discount		390 M R 1 15 TDS02: Amount Subject to Time Discount
S	4	810	Transportation Method Code		91 M ID 1 1 CAD01: Transportation Method Code
S	5	810	Shipment Idntifying Number		127 M AN 1 17 CAD08: Shipment Identifying Number (8char)
S	6	810	Allowance or Charge Indicator		248 M ID 1 1 ITA01: Allowance or Charge Indicator Code)
S	7	810	Allowance or Charge Amount (For Premium Trransportation Authorized)		360 M R 1 15 · ITA07: Allowance or Charge Amount
S	8	810	Number of Line Items		354 M NO 1 6 CTT01: Number of Line Items

Table B3. ARN Industry Flat File Record Formats (Ship Notice) to X12 856

Table B3. ARN Industry Flat File Record Formats (Ship Notice)
(Each line in the table corresponds to a field in a record.)

REC CODE	FLD	MSG SET	Industry Name	QUAL	EDIREF
H	1	856	Header record code (H)		
H	2	856	Transaction set code (856)		
H	3	856	Control number (serial number)		
H	4	856	Trading partner (sent to or received from) STCODE		
H	5	856	Purchase Order Number - PIIN and CALL	00	396 M AN 2 30 BSN02: Shipment Identification
H	6	856	Transaction Date		373 M DT 6 6 BSN03: Date
H	7	856	Transaction Time		337 M TM 4 6 BSN03: Time
H	8	856	Contract Number	CT	127 M AN 1 30 REF02: Reference Number
H	9	856	Shipment ID	CT	127 M AN 1 30 REF02: Reference Number
N	1	856	Name record code (N)		
N	2	856	Operator ID at time of release	PC	N1 O 1 200 N1 Name

REC CODE	FLD	MSG SET	Industry Name	QUAL	EDIREF
Table B3. ARN Industry Flat File Record Formats (Ship Notice)   (Each line in the table corresponds to a field in a record.)
N	3	856	Prime Contractor Name	PG	N1 O 1 200 N1 Name
N	4	856	Address		N3 O 2 [N1] Address Information
N	5	856	City		19 C AN 2 19 N401: City Name
N	6	856	State		156 O ID 2 2 N402: State or Province Code
N	7	856	Postal Code		116 O ID 3 9 N403: Postal Code
N	8	856	Country		26 O ID 2 3 N404: Country Code
N	9	856	Admin Name	NG	93 C AN 1 35 N102: Ship From Name (SF)
N	10	856	Address		166 M AN 1 35 N301: Address Information, line 1
N	11	856	City		19 C AN 2 19 N401: City Name
N	12	856	State		156 O ID 2 2 N402: State or Province Code
N	13	856	Postal		116 O ID 3 9 N403: Postal Code
N	14	856	Country		26 O ID 2 3 N404: Country Code
N	15	856	Administrative Contact Name	AM	93 O AN 1 35 PER02: Administrative Contact Name
N	16	856	Telephone	TE	365 C ID 2 2 PER03: Comm Number Qualifier
N	17	856	Fax	FX	364 C AN 7 25 PER05: Communication Number
N	18	856	Ship From Name	SF	93 C AN 1 35 N102: Ship From Name (SF)
N	19	856	Address		166 M AN 1 35 N301: Address Information, line 1
N	20	856	City		19 C AN 2 19 N401: City Name
N	21	856	State		156 O ID 2 2 N402: State or Province Code
N	22	856	Postal		116 O ID 3 9 N403: Postal Code
N	23	856	Country		26 O ID 2 3 N404: Country Code
N	24	856	Pay BY Contact Name	PT	93 C AN 1 35 N102: Pay Contact Name (PR)
N	25	856	Address		166 M AN 1 35 N301: Address Information, line 1
N	26	856	City		19 C AN 2 19 N401: City Name
N	27	856	State		156 O ID 2 2 N402: State or Province Code
N	28	856	Postal code		116 O ID 3 9 N403: Postal Code

REC CODE	FLD	MSG SET	Industry Name	QUAL	EDIREF
			Table B3. ARN Industry Flat File Record Formats (Ship Notice) (Each line in the table corresponds to a field in a record.)		
N	29	856	Country		26 O ID 2 3 N404: Country Code
N	30	856	Ship To Site Name	ST	93 C AN 1 35 N102: Ship To Site Name (ST)
N	31	856	DODAAC	10	67 C AN 2 17 N104: DODAAC
N	32	856	Clothing For		93 C AN 1 35 N102: Clothing for [name]
N	33	856	Address		166 M AN 1 35 N301: Ship To Address Information, line 1
N	34	856	City		19 C AN 2 19 N401: Ship To City Name
N	36	856	State		156 O ID 2 2 N402: State or Province Code
N	37	856	Postal code		116 O ID 3 9 N403: Postal Code
N	38	856	Country		26 O ID 2 3 N404: Country Code
N	39	856	Transaction Note	GEN	30 M AN 1 60 NTE02: Transaction Note
L	1	856	Line item record code (L)		
L	2	856	Hierarchial ID Number	V	628 M AN 1 12 HL01: Hierarchial ID Number
L	3	856	National stock Number	FS	234 M AN 1 40 LIN03: CLIN
L	4	856	Garment Code	F7	234 M AN 1 40 LIN03: CLIN
L	5	856	CLIN	BV	350 O AN 1 11 SN101: CLIN
L	6	856	Quantity Shipped	39	382 M R 1 10 SN102: Quantity
L	7	856	Unit of Measurement Code [for quantity]		355 M ID 2 2 SN!03: Unit of Measurement Code
L	8	856	Shipping Note	DEL	30 C AN 1 60 NTE02: Description

Table B4. ARN Industry Flat File Record Formats (Receiving Report) to X12 824

REC CODE	FLD	MSG SET	Industry Name	QUAL	EDIREF
			Table B4. ARN Industry Flat File Record Formats (Receiving Report) (Each line in the table corresponds to a field in a record.)		
H	1	824	Header record code (H)		
H	2	824	Transaction set code (824)		
H	3	824	Control number (serial number)		
H	4	824	Trading partner (sent to or received from)		
H	5	824	Purchase Order Number - PIIN and CALL	00	127 M AN 1 30 BGN02: Reference Number

Table B4. ARN Industry Flat File Record Formats (Receiving Report)

REC CODE	FLD	MSG SET	Industry Name	QUAL	EDIREF
H	6	824	Transaction Date		373 M DT 6 6 BGN03: Date
H	7	824	Contract Number		127 M AN 1 30 BGN06: Reference Number
N	1	824	Header record code (N)		
N	2	824	Operator ID at time of release	FJ	93 O AN 1 35 N102: Operator ID
N	3	824	Prime Contractor Site Name	PG	93 O AN 1 35 N102: Selling Contact
N	4	824	Prime Contractor Site Address, line 1		166 M AN 1 35 N301: Address Information
N	5	824	Prime Contractor Site City		19 C AN 2 30 N401: City Name
N	6	824	Prime Contractor Site State		156 O ID 2 2 N402: State or Province Code
N	7	824	Prime Contractor Site Postal Code		116 O ID 3 9 N403: Postal Code
N	8	824	Prime Contractor Country		26 O ID 2 3 N404: Country Code
N	9	824	Administered By Site Name	NG	93 O AN 1 35 N102: Administrative Contact
N	10	824	Administered By Site Address, line 1		166 M AN 1 35 N301: Address Information
N	11	824	Administered By Site City		19 C AN 2 30 N401: City Name
N	12	824	Administered By Site State		156 O ID 2 2 N402: State or Province Code
N	13	824	Administered By Site Postal Code		116 O ID 3 9 N403: Postal Code
N	14	824	Administered By Site Country		26 O ID 2 3 N404: Country Code
N	15	824	Administrative Contact	AM	93 O AN 1 35 PER02: Contact
N	16	824	Administrative Contact Telephone	TE	364 C AN 7 25 PER04: Communication Number
N	17	824	Administrative Contact Fax	FX	364 C AN 7 25 PER06: Communication Number
N	18	824	Ship From Site Name	SF	93 O AN 1 35 N102: Ordering Contact
N	19	824	Ship From Site Address line 1		166 M AN 1 35 N301: Address Information
N	20	824	Ship From Site City		19 C AN 2 30 N401: City Name
N	21	824	Ship From Site State		156 O ID 2 2 N402: State or Province Code
N	22	824	Ship From Site Postal Code		116 O ID 3 9 N403: Postal Code
N	23	824	Ship From Site Country		26 O ID 2 3 N404: Country Code
N	24	824	Pay By Site Name	PR	93 O AN 1 35 N102: Selling Contact

(Each line in the table corresponds to a field in a record.)

REC CODE	FLD	MSG SET	Industry Name	QUAL	EDIREF
Table B4. ARN Industry Flat File Record Formats (Receiving Report)
(Each line in the table corresponds to a field in a record.)
N	25	824	Pay By Site Address, line 1		166 M AN 1 35 N301: Address Information
N	26	824	Pay By Site City		19 C AN 2 30 N401: City Name
N	27	824	Pay By Site State		156 O ID 2 2 N402: State or Province Code
N	28	824	Pay By Site Postal Code		116 O ID 3 9 N403: Postal Code
N	29	824	Pay By Country		26 O ID 2 3 N404: Country Code
N	30	824	Shipped To Site Name	ST	93 O AN 1 35 N102: Selling Contact
N	31	824	Ship To Site DODAAC	10	67 C AN 2 17 N104: Identification Code
N	32	824	Clothing For Name		93 O AN 1 35 N201: Selling Contact
N	33	824	Shipped To Site Address, line 1		166 M AN 1 35 N301: Address Information
N	34	824	Shipped To Site City		19 C AN 2 30 N401: City Name
N	35	824	Shipped To Site State		156 O ID 2 2 N402: State or Province Code
N	36	824	Shipped To Site Postal Code		116 O ID 3 9 N403: Postal Code
N	37	824	Shipped To Country		26 O ID 2 3 N404: Country Code
L	1	824	Line item record code (L)		
L	2	824	Application [item] acknowledgment code		110 M ID 1 2 OTI01: Ack code: IA Item Accept IR Item Reject IP Item Partial Accept
L	3	824	CLIN	BV	350 O AN 1 11 OTI03: CLIN
L	4	824	Unit Price	LI	782 C R 1 15 AMT02: Amount (Format 00.00)
L	5	824	Quantity Shipped	39	380 M R 1 15 QTY02: Quantity
L	6	824	Unit of Measurement Code [for quantity]		355 M ID 2 2 QTY03: Unit of Measurement Code
L	7	824	Quantity Approved	QA	380 M R 1 15 QTY02: Quantity
L	8	824	Unit of Measurement Code [for quantity]		355 M ID 2 2 QTY03: Unit of Measurement Code
L	9	824	Receiving Note	QTY	30 C AN 1 60 TED02: Description

Table B5. ARN Industry Flat File Record Formats (Purchase Order Acknowledgment) to X12 855

REC CODE	Fld Seq	Set	Field	Source/Value	Data Type	EDI Reference
Table B5. ARN Industry Flat File Record Formats (Purchase Order Acknowledgment)						
H	001	855	Header record code (H)	H	S	
H	002	855	Transaction set code (855)	855	S	
H	003	855	Control number (serial number)	head.UNIQUEID	V	
H	004	855	Trading partner (sent to)	head.TPCODE	V	
H	005	855	Trading partner (received from)	head.FMCODE	V	
H	006	855	P.O./Doc. Number from original P.O.	head.TRANSKEY	V	324 M AN 1 22 BAK03: Purchase Order Number
H	007	855	Purchase Order Date	head.PIDATE	V	323 M DT 6 6 BAK04: Purchase Order Date
L	001	855	Line item (garment) record code (L)	L	S	POC O 1 100000 3000 Line Item Change
L	002	855	CLIN	line.ASSIGND	V	350 O AN 1 11 PO101: CLIN
L	003	855	Quantity Ordered	ALLTRIM(STR(line .QUANTITY))	P	330 C R 1 9 PO102: Quantity Ordered
L	004	855	Unit of Measurement Code	line.UNIT	V	355 O ID 2 2 PO103: Unit of Measurement Code
L	005	855	Unit Price	ALLTRIM(STR(line .UNITPRCE,13,2))	P	212 C R 1 14 PO104: Unit Price
L	006	855	Delivery Date	line.DELDATE	V	234 C AN 1 30 PO107: Delivery Date (YYMMDD)
L	007	855	Destination/Requisition	line.dest_req (from original P.O.)	P	234 C AN 1 30 PO109: Destination/Requisition
L	008	855	National Stock Number/Size	stock_sz()	P	352 C AN 1 80 PID05: Description
S	001	855	Summary record code (S)	S	S	
S	002	855	Number of Line Items	num_itms	V	354 M N0 1 6 CTT01: Number of Line Items

Table B6. ARN Industry Flat File Record Formats (Purchase Order Change Request) to X12 860

REC CODE	Fld Seq	Set	Field	Source/Value	Data Type	EDI Reference
			Table B6. ARN Industry Flat File Record Formats (Purchase Order Change Request)			
H	001	860	Header record code (H)	H	S	
H	002	860	Transaction set code (860)	860	S	
H	003	860	Control number (serial number)	head.UNIQUEID	V	
H	004	860	Trading partner (sent to)	head.TPCODE	V	
H	005	860	Trading partner (received from)	head.FMCODE	V	
H	006	860	P.O./Doc. Number from original P.O.	head.TRANSKEY	V	324 M AN 1 22 BCH03: Purchase Order Number
H	007	860	Date of Delivery Order	head.PIDATE	V	323 M DT 6 6 BCH06: Purchase Order Date
H	008	860	Modification Date	head.DATEREQ	V	323 M DT 6 6 BCH11: P.O. Change Request Date
H	009	860	Related Information	head.NOTE_T	V	NTE F 100 0 Note/Special Instruction
H	010	860	DPSC Office Symbol	head.ADMINCDE	V	93 O AN 1 35 PER02: DPSC Office Symbol
H	011	860	PCO Name	head.ADMINCON	V	93 O AN 1 35 PER02: PCO Name
H	012	860	PCO Telephone	head.ADMINTEL	V	364 C AN 7 25 PER04: PCO Telephone Number
H	013	860	Buyer Name	head.SUBMITBY	V	93 O AN 1 35 PER02: Buyer Name
H	014	860	Buyer Telephone	head.SUBMITTEL	V	364 C AN 7 25 PER04: Buyer Telephone Number
H	015	860	FOB Location Qualifier	head.FOBCODE	V	309 C ID 1 2 FOB02: Location Qualifier
H	016	860	FOB Location	head.NOTE_A	V	352 O AN 1 80 FOB03: FOB Location
L	001	860	Line item (garment) record code (L)	L	S	POC O 1 100000 3000 Line Item Change
L	002	860	CLIN	line.ASSIGND	V	350 O AN 1 11 POC01: CLIN
L	003	860	Line Item Change or Response Type Code	line.NOTE_L	V	670 M ID 2 2 POC02: Change or Response Type Code
L	004	860	Quantity Ordered	ALLTRIM(STR(line.QUANTITY))	P	330 O R 1 9 POC03: Quantity Ordered
L	005	860	Quantity Left to Receive	ALLTRIM(STR(line.QTYRECV))	P	671 C R 1 9 POC04: Quantity Left to Receive

REC CODE	Fld Seq	Set	Field	Source/Value	Data Type	EDI Reference
Table B6. ARN Industry Flat File Record Formats (Purchase Order Change Request)						
L	006	860	Unit of Measurement Code	line.UNIT	V	355 C ID 2 2 POC05: Unit of Measurement Code
L	007	860	Unit Price	ALLTRIM(STR(line.UNITPRCE,13,2))	P	212 C R 1 14 POC06: Unit Price
L	008	860	Delivery Date	line.DELDATE	V	234 C AN 1 30 POC09: Delivery Date
L	009	860	Destination/Requisition	m.distri+"/"+LEFT(LINE.stock,5)	P	234 C AN 1 30 POC11: Destination/Requisition
L	010	860	National Stock Number/Size	stock_sz()	P	352 C AN 1 80 PID05: Description
S	001	860	Summary record code (S)	S	S	
S	002	860	Quantity/Dollar Totals	head.NOTE_Q	V	NTE F 100 0 Note/Special Instruction
S	003	860	Number of Line Items	num_itms	V	354 M N0 1 6 CTT01: Number of Line Items

Appendix C - AIMS Data Mapping Specifications

The Apparel Information Management System receives data from EDI translation and AOPM screen processes via the same interim flat file as is used between EDI and AOPM. See *Appendix A - Introduction to ARN Data Mapping* on page 1 for more information on system-to-system data mapping. Below are the specifications for mapping from the ARN AOPM Flat File to the AIMS Flat File.

Table C1. ARN Industry Flat File Record Formats (Purchase Order) to ARN-AIMS

| Table C1. ARN Industry Flat File Record Formats (Purchase Order) | | | | | |
REC CODE	FLD	MSG SET	Industry Name	Qual	ARN-AIMS
H	1	850	Header record code (H)		Edi850.RecordCode
H	2	850	Transaction set code (850)		Edi850.TransSetCode
H	3	850	Control number (serial number)		Edi850.ControlNo
H	4	850	Trading partner (sent to)		Edi850.TradPartSentTo
H	5	850	Trading partner (received from)		Edi850.TradPartSentFrom
H	6	850	PO Purpose Code (00=Original)		Edi850.PurposeCode
H	7	850	PO Type Code (BK=Blanket Order)		Edi850.POTypeCode
H	8	850	Contract Number + Call		Sales Plan.PlanSeqNo
H	9	850	Date of Delivery Order		Shipping Order.DateRecd
H	10	850	Accounting Data		Edi850.AccountingData
H	11	850	Ordering Site		Customer.CustomerCode
H	12	850	Ordering Contact	OC	Customer.CusContact
H	13	850	Ordering Contact Telephone	TE	Customer.CusTelephone
H	14	850	Submitted By (Originator)	SM	Customer.CustomerName
H	15	850	Submitted By Telephone	TE	Edi850.SubmitByTel
M	1	850	Measurement record code (M)		Measurement.MeasuredId
M	2	850		F	–
M	3	850		08	–
M	4	850	Measurement Details Format: Meascode (2 char) (space fill if the code is one character)+Space+Measure (6 digits) (space fill on left if less than 6 digits; format 999.99)+Space+Measurement description (from d_mdescr.measinst)		Measurement.MeasuredId +Space+Edi850.Measure+ Space+Measurement.Comments
N	1	850	Names/Addresses record code (N)		Edi850.NameAddRecCode
N	2	850	Ship To Site Name	ST	ShipLocation.ShipLocName
N	3	850	Ship To Site DODAAC	10	ShipLocation.ShipLocCode

REC CODE	FLD	MSG SET	Industry Name	Qual	ARN-AIMS
Table C1. ARN Industry Flat File Record Formats (Purchase Order)					

REC CODE	FLD	MSG SET	Industry Name	Qual	ARN-AIMS
N	4	850	Name of Individual to Receive the Apparel		ShipLocation.MarkedFor
N	5	850	Measurement Taker Name		Edi850.MeasTakerName
N	6	850	Ship To Site Address -line 1		ShipLocation.ShipLocAddr Street1
N	7	850	Ship To Site Address - line 2		ShipLocation.ShipLocAddr Street2
N	8	850	Ship To Site City		ShipLocation.ShipLocAddr City
N	9	850	Ship To Site State		ShipLocation.ShipLocAddr State
N	10	850	Ship To Site Postal Code		ShipLocation.ShipLocAddr Zip
N	11	850	Ship To Site Country		ShipLocation.ShipLocAddr Country
N	12	850	Sex/Profile identification Format: Sex (1 char)+Space+Shoulders (3 char)+Bust (3 char) (space fill for male)+Space+Posture (3 char)+Space+Seat (3 char) (space fill)+Space+Abdomen (3char)+(space fill for male)+Build (3 char)	JD	Measurement.Sex+Space+ Measurement.Shoulders+ Space+Measurement.Bust+ Space+Measurement.Postur e+Space+Measurement.Seat +Space+Measurement.Abdom en+Measurement.Build
L	1	850	Line item record code (L)		Edi850.LineItemRecCode
L	2	850	CLIN		ShipOrdItem.ShipOrdItNo
L	3	850	Quantity Ordered		PlanItem.PlanItemQty
L	4	850	Unit of Measurement Code [for quantity]		Measurement.MeasUnitCode
L	5	850	Unit Price		ShipNotice.UnitPrice
L	6	850	Delivery Date	ZZ	ShipNotice.DeliveryDate
L	7	850	Destination/Requisition	ZZ	PlanItem.PlanCusLotNo
L	8	850		F	–
L	9	850		08	–
L	10	850	National Stock Number///Garment Code - Note: For special measurement orders, add to the NSN//Garment Code the string "-SPECIAL ME" instead of a Size value.		PlanItem.NSN
L	11	850	Nomenclature (Article description)		ShippingOrderItem.Descri ption
L	12	850	Line item note	LIN	ShippingOrderItem.Commen ts
S	1	850	Summary record code (S)		Edi850.SummaryRecCode
S	2	850	Quantity/Dollar Totals		Edi850.DollarTotal
S	3	850	Number of Line Items		Edi850.NoLineItem
S	4	850	Purchase Order Amount		Edi850.POAmount
S	5	850	Tracing note		Edi850.TracingNote
S	6	850	Operator ID at time of release	PUR	Edi850.OperatorId
S	7	850	Age (2 digits) =Rank (2 char) +Component (AD, NG, AR,NR, FR, MR or blank)	EMC	Edi850.AgeRankComp

Table C2. ARN Industry Flat File Record Formats (Invoice) to ARN-AIMS

REC CODE	FLD	MSG SET	Industry Name	QUAL	ARN-AIMS
for title			Table C2. ARN Industry Flat File Record Formats (Invoice) (Each line in the table corresponds to a field in a record.)		
H	1	810	Header record code (H)		Edi810.RecordCode
H	2	810	Transaction set code (810)		Edi810.TransSetCode
H	3	810	Control number (serial number)		Edi810.ControlNo
H	4	810	Trading partner (sent to or received from)		Edi850.TradPartSentTo
H	5	810	Invoice Date		ShippingNotice.ShipDate
H	6	810	Invoice Number		ShippingNotice.ShipNoticeNo
H	7	810	Purchase Order Number - PIIN and CALL		ShipOrdNo.ShipOrdNo
H	8	810	Transaction Type Coce ("DI")		Edi850.TransTypeCode
H	9	810	Ship To Site Name	ST	ShipLocation.ShipLocName
H	10	810	Ship To Site DODAAC	10	ShipLocation.ShipLocCode
H	11	810	Terms Discount Percent		SalesPlan.DiscountTerms
H	12	810	Terms Discount Days Due (Number of days)		SalesPlan.DiscountTerms
H	13	810	Date Shipped	011	ShippingNotice.ShipDate
H	14	810	Ship ID	SI	ShippingNotice.ShipNoticeNo
L	1	810	Line item record code (L)		Edi850.LineItemRecCode
L	2	810	CLIN		ShippingOrderItem.ShipOrdItNo
L	3	810	Quantity Invoiced		ShippingOrderItem.ShipOrdActualQty
L	4	810	Unit of Measurement Code [for quantity]		Measurement.MeasUnitCode
L	5	810	Unit Price		ShippingNoticeItem.UnitPrice
L	6	810	Product/Service ID	FS	PlanItem.NSN
L	7	810		F	-
L	8	810		08	-
L	9	810	Item Description		ShippingOrderItem.Description
S	1	810	Summary record code (S)		Edi850.SummaryRecCode
S	2	810	Total Invoice Amount		ShippingNotice.ShipNoticeTotal
S	3	810	Amount Subject to Time Discount		SalesPlan.DiscountAmount
S	4	810	Transportation Method Code		ShippingNotice.TransCode
S	5	810	Shipment Idntifying Number		ShippingNotice.ShipNoticeNo
S	6	810	Allowance or Charge Indicator		ShippingNotice.ShipNoticeTotal
S	7	810	Allowance or Charge Amount (For Premium Trransportation Authorized)		ShippingNotice.FreightCharge
S	8	810	Number of Line Items		Edi810.NoLineItem

Table C3. ARN Industry Flat File Record Formats (Ship Notice) to ARN-AIMS

REC CODE	FLD	MSG SET	Industry Name	QUAL	ARN-AIMS
— Table C3. ARN Industry Flat File Record Formats (Ship Notice) (Each line in the table corresponds to a field in a record.)					
H	1	856	Header record code (H)		Edi856.RecordCode
H	2	856	Transaction set code (856)		Edi856.TransSetCode
H	3	856	Control number (serial number)		Edi856.ControlNo
H	4	856	Trading partner (sent to or received from) STCODE		Edi850.TradPartSentTo
H	5	856	Purchase Order Number - PIIN and CALL	00	ShippingOrder.ShipOrdNo
H	6	856	Transaction Date		ShippingNoticeItem.ActualDeliveryDate
H	7	856	Transaction Time		Edi856.TransTime
H	8	856	Contract Number	CT	SalesPlan.PlanSeqNo
H	9	856	Shipment ID	CT	ShippingNotice.ShipNoticeNo
N	1	856	Name record code (N)		Edi856.NameRecCode
N	2	856	Operator ID at time of release	PC	Edi856.OperatorIdRel
N	3	856	Prime Contractor Name	PG	ShippingOrder.PCCName
N	4	856	Address		ShippingOrder.PCCAddr1&2
N	5	856	City		ShippingOrder.PCCCity
N	6	856	State		ShippingOrder.PCCState
N	7	856	Postal Code		ShippingOrder.PCCZip
N	8	856	Country		ShippingOrder.PCCCountry
N	9	856	Admin Name	NG	Customer.CustName
N	10	856	Address		Customer.CustAddrStr1&2
N	11	856	City		Customer.CusCity
N	12	856	State		Customer.CusState
N	13	856	Postal		Customer.CusZip
N	14	856	Country		Customer.CusCountry
N	15	856	Administrative Contact Name	AM	Customer.CusContact
N	16	856	Telephone	TE	Customer.CusTelephone
N	17	856	Fax	FX	Customer.CusFax
N	18	856	Ship From Name	SF	ApparelMfg.Name
N	19	856	Address		ApparelMfg.Address
N	20	856	City		ApparelMfg.City
N	21	856	State		ApparelMfg.State
N	22	856	Postal		ApparelMfg.POBox
N	23	856	Country		ApparelMfg.Country
N	24	856	Pay BY Contact Name	PT	SalesPlan.PayContactName
N	25	856	Address		SalesPlan.PayContactAddr
N	26	856	City		SalesPlan.PayContactCity
N	27	856	State		Salesplan.PayContactState
N	28	856	Postal code		SalesPlan.PayContactZip
N	29	856	Country		SalesPlan.PayContactCountry
N	30	856	Ship To Site Name	ST	ShipLocation.ShipLocName
N	31	856	DODAAC	10	ShipLocation.ShipLocCode

REC CODE	FLD	MSG SET	Industry Name	QUAL	ARN-AIMS
Table C3. ARN Industry Flat File Record Formats (Ship Notice) (Each line in the table corresponds to a field in a record.)

REC CODE	FLD	MSG SET	Industry Name	QUAL	ARN-AIMS
N	32	856	Clothing For		`ShipLocation.MarkedFor`
N	33	856	Address		`ShipLocation.ShipLocAddr Str1&2`
N	34	856	City		`ShipLocation.ShipLocCity`
N	36	856	State		`ShipLocation.ShipLocState`
N	37	856	Postal code		`ShipLocation.ShipLocZip`
N	38	856	Country		`ShipLocation.ShipLocCountry`
N	39	856	`Transaction Note`	GEN	`Edi856.TransNote`
L	1	856	Line item record code (L)		`Edi856.LineItemNote`
L	2	856	Hierarchial ID Number	V	`Edi856.HierIDNo`
L	3	856	National stock Number	FS	`PlanItem.NSN`
L	4	856	Garment Code	F7	`GarmentUnit.GarUnitNo`
L	5	856	CLIN	BV	`ShipNoticeItem.ShipOrdItNo`
L	6	856	Quantity Shipped	39	`ShipNoticeItem.ShipItQty`
L	7	856	Unit of Measurement Code [for quantity]		`Measurement.MeasUnitCode`
L	8	856	Shipping Note	DEL	`ShipNotice.ShipNoticeNo`

Table C4. ARN Industry Flat File Record Formats (Receiving Report) to ARN-AIMS

Table C4. ARN Industry Flat File Record Formats (Receiving Report)					
(Each line in the table corresponds to a field in a record.)					
REC CODE	FLD	MSG SET	Industry Name	Qual	ARN-AIMS
H	1	824	Header record code (H)		Edi824.RecordCode
H	2	824	Transaction set code (824)		Edi824.TransSetCode
H	3	824	Control number (serial number)		Edi824.ControlNo
H	4	824	Trading partner (sent to or received from)		Edi850.TradPartSentTo
H	5	824	Purchase Order Number - PIIN and CALL	00	ShippingOrder.ShipOrdNo
H	6	824	Transaction Date		ShippingNoticeItem.ActualDeliveryDate
H	7	824	Contract Number		SalesPlan.PlanSeqNo
N	1	824	Header record code (N)		Edi824.HeadRecCode
N	2	824	Operator ID at time of release	FJ	Edi856.OperatorIdRel
N	3	824	Prime Contractor Site Name	PG	ShippingOrder.PCCName
N	4	824	Prime Contractor Site Address, line 1		ShippingOrder.PCCAddr1&2
N	5	824	Prime Contractor Site City		ShippingOrder.PCCCity
N	6	824	Prime Contractor Site State		ShippingOrder.PCCState
N	7	824	Prime Contractor Site Postal Code		ShippingOrder.PCCZip
N	8	824	Prime Contractor Country		ShippingOrder.PCCCountry
N	9	824	Administered By Site Name	NG	Customer.CustName
N	10	824	Administered By Site Address, line 1		Customer.CustddrStreet1&2
N	11	824	Administered By Site City		Customer.CustAddrCity
N	12	824	Administered By Site State		Customer.CustAddrCity
N	13	824	Administered By Site Postal Code		Customer.CustAddrZip
N	14	824	Administered By Site Country		Customer.CustAddrCountry
N	15	824	Administrative Contact	AM	Customer.CusContact
N	16	824	Administrative Contact Telephone	TE	Customer.CusContactTel
N	17	824	Administrative Contact Fax	FX	Customer.CusContactFax
N	18	824	Ship From Site Name	SF	ApparelEnterprise.Name
N	19	824	Ship From Site Address line 1		ApparelEnterprise.Address
N	20	824	Ship From Site City		ApparelEnterprise.City
N	21	824	Ship From Site State		ApparelEnterprise.State
N	22	824	Ship From Site Postal Code		ApparelEnterprise.POBox
N	23	824	Ship From Site Country		ApparelEnterprise.Country
N	24	824	Pay By Site Name	PR	SalesPlan.PayContactName
N	25	824	Pay By Site Address, line 1		SalesPlan.PayContactAddr
N	26	824	Pay By Site City		SalesPlan.PayContactCity

REC CODE	FLD	MSG SET	Industry Name	Qual	ARN-AIMS
N	27	824	Pay By Site State		Salesplan.PayContactState
N	28	824	Pay By Site Postal Code		SalesPlan.PayContactZip
N	29	824	Pay By Country		SalesPlan.PayContactCountry
N	30	824	Shipped To Site Name	ST	ShipLocation.ShipLocName
N	31	824	Ship To Site DODAAC	10	ShipLocation.ShipLocCode
N	32	824	Clothing For Name		ShipLocation.MarkedFor
N	33	824	Shipped To Site Address, line 1		ShipLocation.ShipLocAddr
N	34	824	Shipped To Site City		ShipLocation.ShipLocCity
N	35	824	Shipped To Site State		ShipLocation.ShipLocState
N	36	824	Shipped To Site Postal Code		ShipLocation.ShipLocZip
N	37	824	Shipped To Country		ShipLocation.ShipLocCountry
L	1	824	Line item record code (L)		Edi824.LineItemrecCode
L	2	824	Application [item] acknowledgment code		Edi824.AckCode
L	3	824	CLIN	BV	ShippingOrderItem.ShipOrdItNo
L	4	824	Unit Price	LI	ShippingNoticeItem.UnitPrice
L	5	824	Quantity Shipped	39	ShippingNoticeItem.ShipItQty
L	6	824	Unit of Measurement Code [for quantity]		Measurement.MeasUnitCode
L	7	824	Quantity Approved	QA	Edi824.QuantityApproved
L	8	824	Unit of Measurement Code [for quantity]		Measurement.MeasUnitCode
L	9	824	Receiving Note	QTY	Edi824.ReceivingNote

Table C4. ARN Industry Flat File Record Formats (Receiving Report)
(Each line in the table corresponds to a field in a record.)

Appendix D - AOPM Special Order Processes

The data flow diagrams below represent the Special Order scenarios that are addressed by AOPM. The AOPM software is intended for RICs, ROTC, Jr. ROTC, DPSC, and DAM sites. Although the applications specifically address special measurements, the intent is to include stock item orders in the applications if desired by the trading partner participants.

Flow D1: Special Measurement Area, CIIP, Ft. Jackson, SC

Diagram D1.1: Special Measurement Form

Special Measurement Form

Measurement-Taker →

1. Write Recruit ID.
2. Record measurements for garments.
3. Supervisory review.
4. Release Recruit.
5. Deliver to Stock Control
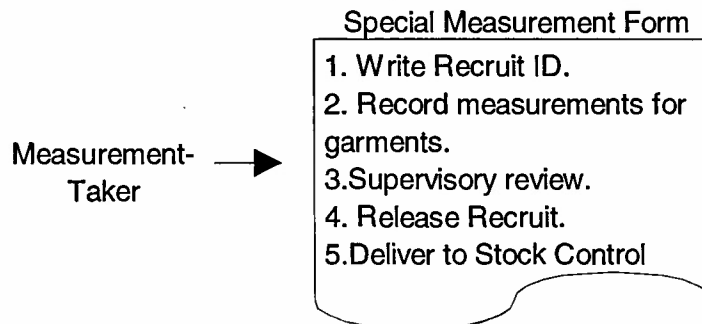
Diagram D1.2: Purchase Order Flow

1. Start-up program for constant data.
2. Select Special Measure (SM) or Stock Order.
3. If SM, select male or female.
4. Select garment(s)
5. Enter measurements; invoke validation.
6. Supervisory review.
7. Call Recruit back if necessary.
8. Prepare MILSTRIP.
9. Create DB and logs
10. Convert to ASC X.12 850 P.O.
11. Transmit 850 from DPSC translator via VAN to DPSC.
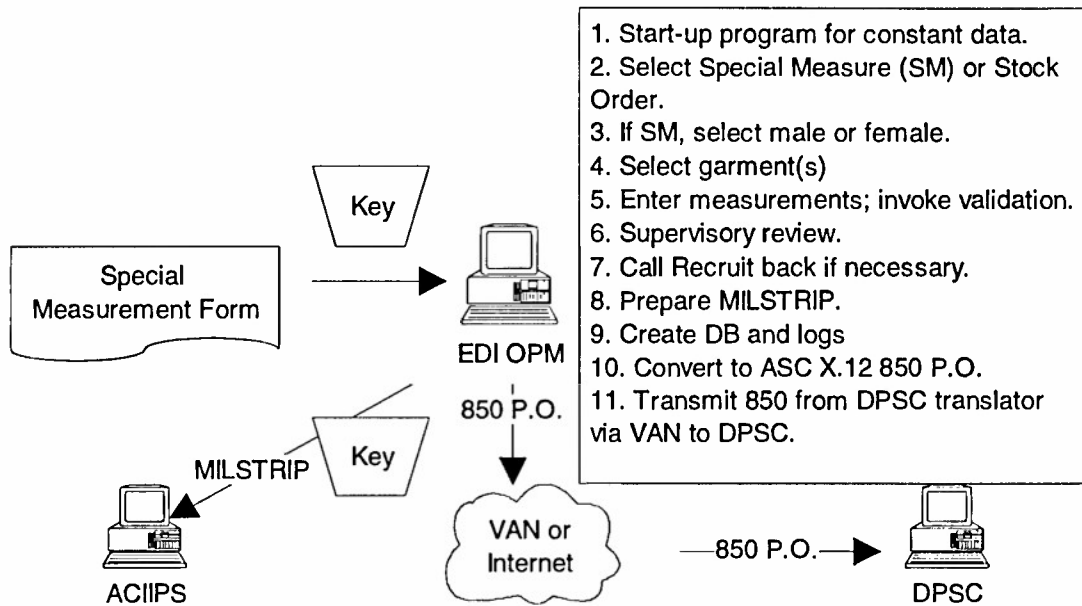
Diagram D1.3: DD250/ASN and ASN Response

1. Receive ASC X.12 856 Advance Ship Notice (DD250) from DAM.
2. Receive shipment and DD250 at the warehouse.
3. Verify quality and quantity at Stock Control
3. Hold 856 or it will release automatically in five days back to DAM as proof of delivery; use 824 as a response transaction?
4. 856 History DB maintained w/850 SMO
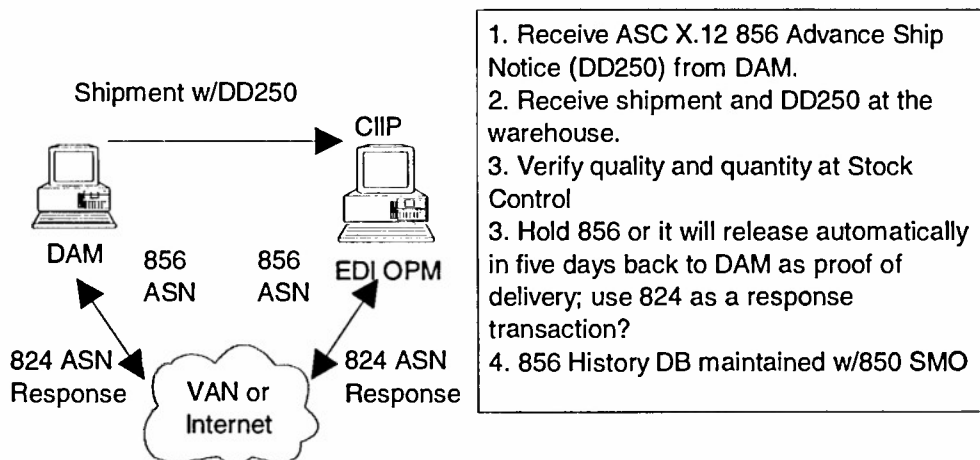
Diagram D1.4: P.O./DD250 Overall Flow

1. EDI OPM, for receipt of 850 SMO w/MILSTRIP, and validation of SMO.
2. Receive856 (DD250)from DAM and distribute to FOCA-Inv, FPCA,SRDA, etc.
3. Data maps provided for interface programming to the DPSC translator.
4. DB for 850 and 856 for SMO Office.

CIIP/ROTC
850
SMO
EDI OPM

VAN OR Internet

850 SMO

DAM
DPSC

856 ASN

856 ASN

EDI OPM
EDI OPM
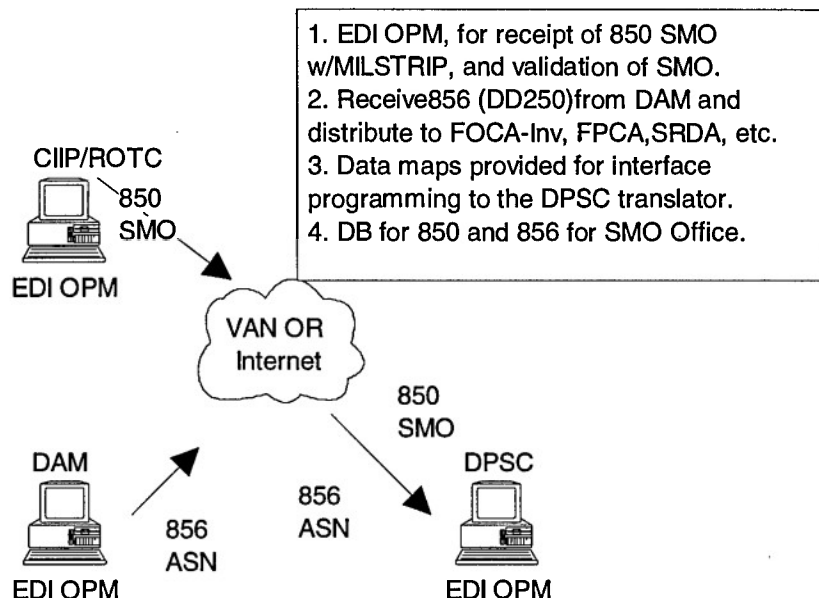
Diagram D1.5: ROTC Satellite Entry for CPB

Army ROTCs w/Computers Satellited on Consolidated Property Book (CPB)

ROTC
CPB
DPSC

Internet
VAN or Internet

OPM
EDI OPM
EDI OPM

1.ROTC OPM w/o EDI
2.Enter measurements
3.Invoke validation of measurements
4. Send flat file via Internet

1.CPB receives FF
2. Invoke validation
3. Enter MILSTRIP data
4. Record as NonExp. in PB
5. Convert to 850 and send to DPSC.
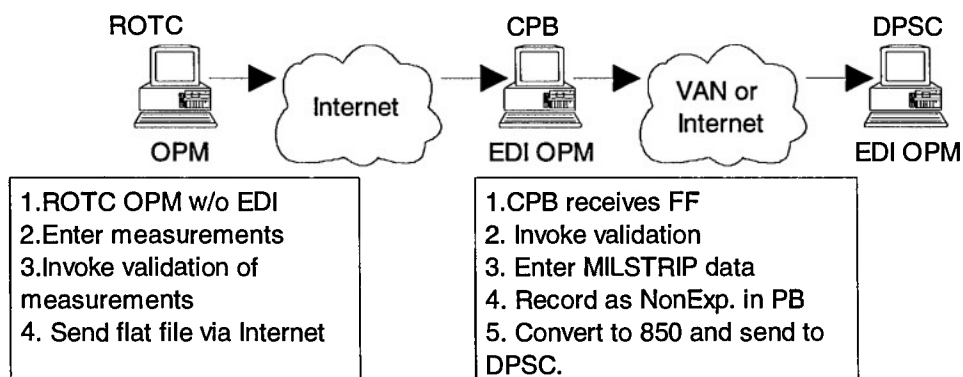
Diagram D1.6: ROTC Satellite Entry for MPB

Army ROTCs w/Computers Satellited on Manual Property Book (MPB)

1.ROTC OPM w/o EDI
2.Enter measurements
3.Invoke validation of
measurements
4. Enter MILSTRIP
5. Send flat file via Internet

1.CPB receives FF
2. Invoke validation
3. Enter MILSTRIP fund cite
4. Convert to 850 and send to
DPSC.
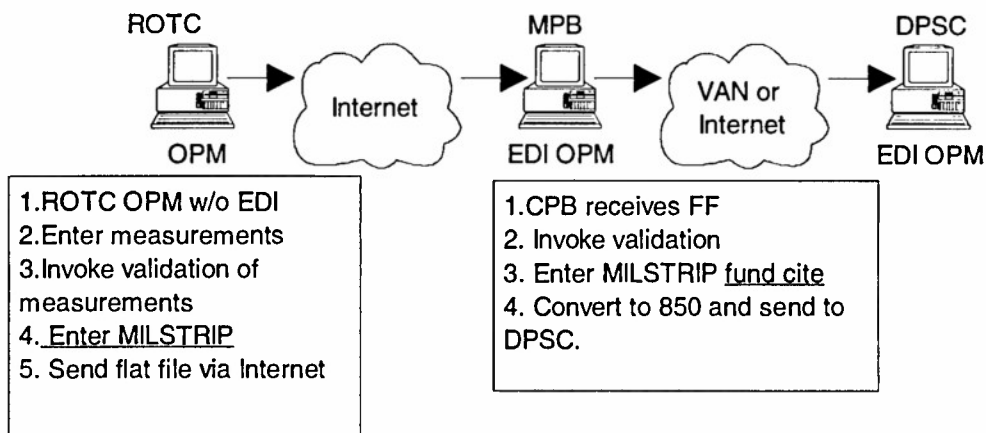
Diagram D1.7: ROTC Manual Entry for MPB or CPE

Army ROTCs w/o Computers Satellited on MPB or CPB

1. Write up Tele-form with
special measures.
2. Write up MILSTRIP
3. Fax

1.CPB receives Fax w/Fax
modem into EDI OPM
2. Invoke validation
3. Enter MILSTRIP
4. Convert to 850 and send to
DPSC.
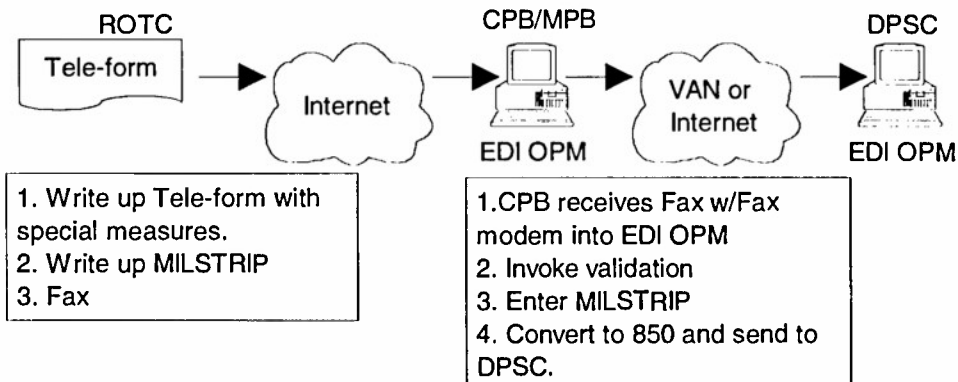
Flow D2: CIIP, Lackland AFB, San Antonio, TX

Diagram D2.1: Special Measurement Form

Special Measurement Form

Measurement-
Taker ⟶
1. Write Recruit ID.
2. Record measurements for garments.
3.Supervisory review.
4. Release Recruit.
5.Deliver to Stock Control

Diagram D2.2: Purchase Order Flow

1. Start-up program for constant data.
2. Select Special Measure (SM) or Stock Order.
3. If SM, select male or female.
4. Select garment(s)
5. Enter measurements; invoke validation.
6. Supervisory review.
7. Call Recruit back if necessary.
8. Prepare MILSTRIP.
9. Create DB and logs
10. Convert to ASC X.12 850 P.O.
11. Transmit 850 SMOfrom DPSC translator via VAN to DPSC.
12. Transmit 850 SMO w/o MILSTRIP to HAAS for Dress Coat.

Key

Special Measurement Form

EDI OPM

850 P.O.

MILSTRIP   Key

SBSS

VAN or Internet

—850 P.O.—▶   DPSC

850 P.O.

HAAS

Diagram D2.3: DD250/ASN and ASN Response

1. Receive ASC X.12 856 Advance Ship Notice (DD250) from DAM.
2. Receive shipment and DD250 at the warehouse.
3. Verify quality and quantity at Stock Control
3. Hold 856 or it will release automatically in five days back to DAM as proof of delivery; use 824 as a response transaction?
4. 856 History DB maintained w/850 SMO

Shipment w/DD250

CIIP

DAM   856   856   EDI OPM
      ASN   ASN

824 ASN   824 ASN
Response VAN or Response
          Internet

Flow D3: Clemson Apparel Research (CAR) Demo Site

1. EDI OPM for receipt and validation of SMO
2. Data base for trace and status of SMO transactions
3. Export file to order entry and expert system.
4. Production
5. Ship w/paper DD250
6. Generate 856 ASN (DD250) and invoice. DPSC distribute internally??
7. Receive 824 Application Advice as proof of delivery.
8. Receive 820 Remittance Advice.

1. Data base of SMO
2. SMO initiates setup of DD250 ship notice and invoice DB.
3. Receive remittance advice from DFAS
4. Link all inbound and outbound transactions in DB

Flow D4: The HAAS Tailoring Company

DCMAO

DD 250

DFAS
810 Invoice
820
R/A

DPSC
850
SMO
856

AFCIIF
856 ASN
824 ASN
Response

VAN or Internet

850 SMO
w/o MILSTRIP
Dress Coat
AFCIIF

850 SMO
820 R/A

856 ASN
810 Invoice

824 ASN
Response

HAAS

EDI OPM

1. EDI OPM for receipt and validation of SMO
2. Data base for trace and status of SMO transactions
3. Export file to order entry and expert system.
4. Production
5. Ship w/paper DD250
6. Generate 856 ASN (DD250) and invoice. DPSC distribute internally??
7. Receive 824 Application Advice as proof of delivery.
8. Receive 820 Remittance Advice.

1. Data base of SMO
2. SMO initiates setup of DD250 ship notice and invoice DB.
3. Receive remittance advice from DFAS
4. Link all inbound and outbound transactions in DB

Flow D5: Maryland Clothing Manufacturing, Inc., Baltimore, MD

DCMAO

DD 250

DFAS
810 Invoice
820
R/A

DPSC
850
SMO
856
856 ASN
824 ASN
Response

AFCIIF

VAN or Internet

850 SMO
820 R/A

856 ASN
810 Invoice
824 ASN
Response

EDI OPM

MARYLAND CLOTHING

1. EDI OPM for receipt and validation of SMO
2. Data base for trace and status of SMO transactions
3. Export file to order entry and expert system.
4. Production
5. Ship w/paper DD250
6. Generate 856 ASN (DD250) and invoice. DPSC distribute internally??
7. Receive 824 Application Advice as proof of delivery.
8. Receive 820 Remittance Advice.

1. Data base of SMO
2. SMO initiates setup of DD250 ship notice and invoice DB.
3. Receive remittance advice from DFAS
4. Link all inbound and outbound transactions in DB